GE Medical Systems
OEC

OEC 9800® C-Arm

Illustrated Parts Manual

00-881712-02

Contents | Installation | Service | Schematics | Periodic Maintenance | Illustrated Parts

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The OEC 9800 C-Arm is covered under one or more of the following U.S. and foreign patents:
5,596,228; 5,426,683; 5,506,882; 5,583,909; 4,797,907; 07/638,176.
Other U.S. and foreign patents pending.
Made in the U.S.A.

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Introduction

Purpose

This manual contains information on the OEC 9800 C-Arm. It serves as an aid to field service engineers and technicians in locating parts and identifying part numbers. It is not a complete parts list and should not be used as a substitute for a bill of materials.

NOTE: The item numbers on the illustrations do not match the item numbers on the assembly drawings or the item numbers on the Bills of Materials.

Intended Audience

This manual is intended for the properly trained engineer or technician who designs, installs, maintains or calibrates the [Product Name].

Removing or installing parts should not be attempted by anyone who is not specifically trained by GE OEC Medical Systems, Inc.

How to Use this Manual

This manual is formatted and intened for CD distribution. This manual is organized using navigation screens. Click on the section of interest and then refer to the table of contents on the front page to locate the information you require.

Manual Revision History

Rev	Dash	Date	Change Description
A	-01	September, 1999	Manufacturing release.
B	-02	December, 1999	Added Super C, and incorporated editorial changes.
C	-02	February, 2001	Format changes.

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Figure 1. Covers Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8x32, 1	4
2	00-879829-01	Cover, Front, Top	1
3	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8x32, 1	4
4	00-881292-01	Cover, Leg, Front	1
5	12-311114-12	Screw, NA, Socket, Hex, 1/4-20, 3/4, SZC, 8	2
6	12-225160-06	Screw, SEMS, Spring, Pan, Torx, 10x32	4
7	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8x32, 3/8, SZC	3
8	00-880428-01	Cover, Front, Right	1
9	12-313915-26	Screw, NA, Socket, Hex, 5/16-18, 1 3/4, SBO, 8	4
10	00-880897-01	End Cap, Cross Beam	2
11	12-225160-06	Screw, SEMS, Spring, Pan, Torx, 10x32	2
12	00-876038-01	Cover, Cross Beam	1
13	13-311106-00	Nut, Hex-Lock-External-T, 6-32, SST, NA, A=.313	2
14	00-879830-01	Assembly, Rear Cover	1
15	00-876692-02	Cover, Label, Back Door	1
16	12-311115-20	Screw, NA, Socket, Hex, 5/16-18, 1, SZC, 8	3
17	00-877505-01	Spacer, Cover, Label	1
18	00-877478-01	Panel, Label	1
19	00-877388-02	Stiffner, Cover Label	1
20	00-880427-01	Cover, Front, Left	1
21	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 10x32	3
22	00-901627-02	Assembly, Hand Control, 4 Button	1
23	00-881060-02	Assembly, Footswitch	1

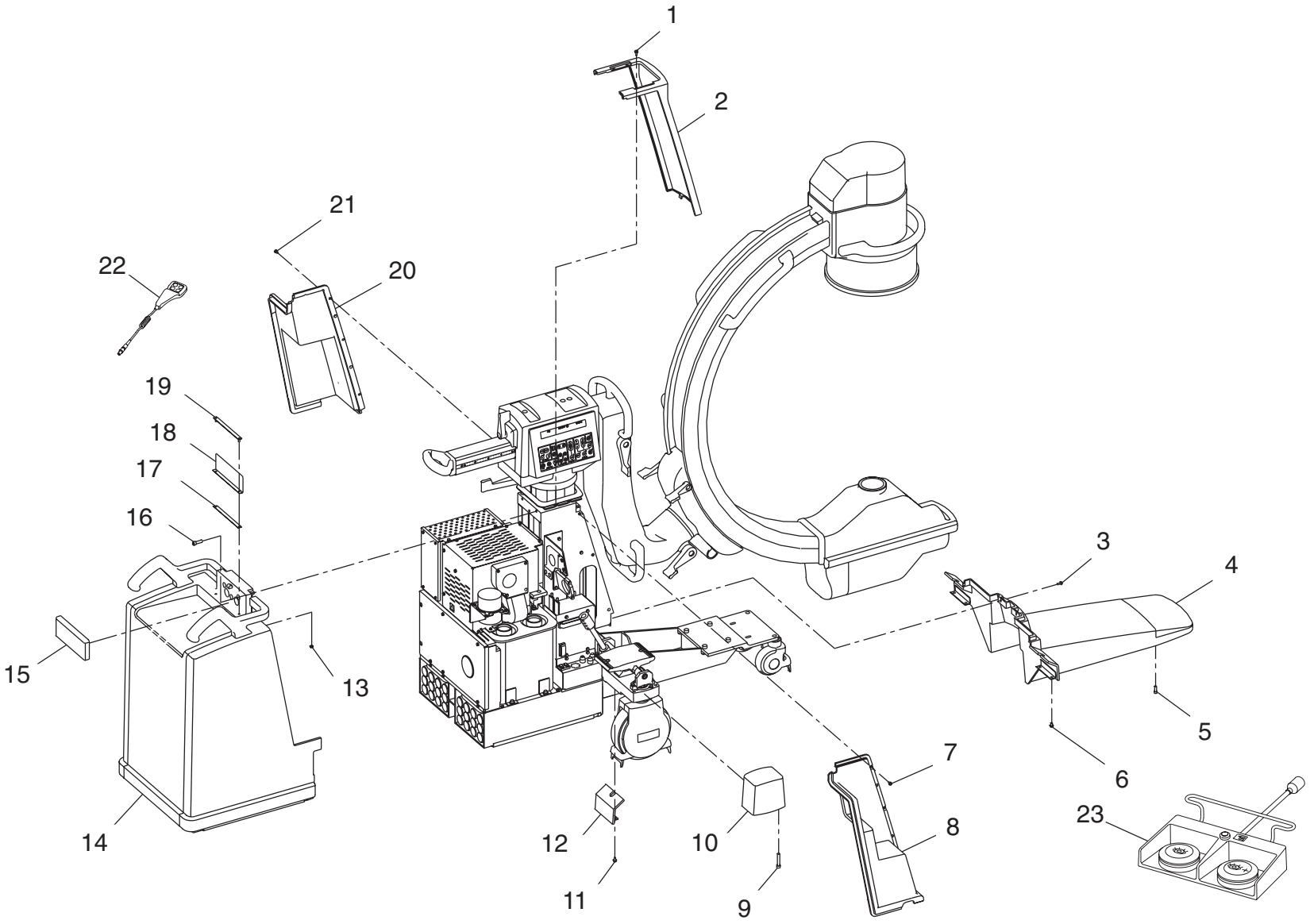

Figure 1. Covers Exploded View

Figure 2. II, Camera Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-311114-12	Screw, NA, Socket, Hex, 1/4-20, 3/4, SZC, 8	2x
2	00-880691-01	Machining, Cover, Camera	1
3	00-881130-01	Weight, Counter, Rear, 9-Inch	1
4	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8x32, 1	2
5	00-880854-01	Shield, Camera, EMI, 9-Inch	1
6	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6x32, 3/8, SCZ	8
7	51-500507-00	Hardware Kit, Connector, Jack, Socket, Set, 4-40, .50L	2
8	00-880688-01	Weldment, Mount, Connector, Camera, Cover	1
9	00-877690-01	Shield, Cover, Camera	1
10	12-312060-08	Screw, NA, Socket, Hex, 10-32, 1/2, SST	3
11	12-225106-20	Screw, SEMS, Spring, Pan, Torx, 6-32, 1, SCZ	4
12	00-879126-01	Assembly, CCD Camera, 1K x 1K, 9"	1
12	00-879127-01	Assembly, CCD Camera, 1K x 1K, 12"	1
13	22-429863-00	Standoff, Hex, M/F, 1/4-20, 3.250L, SST	12
14	00-901226-02	Intensifier, Image, HX, Rear Mount, 9"	1
14	00-901083-01	Intensifier, Image, HX, Rear Mount, 12"	1
15	00-871303-01	Gasket, X-Ray Grid	1
16	00-901200-01	Grid, X-Ray, 10.1, 9-Inch	1
17	12-215004-05	Screw, Machine, Flange, Torx, 4-40, 5/16, SZC	6
18	12-225108-12	Screw, SEMS, Spring, Pan, Torx, 8x32, 3/4, SCZ	4
19	00-881075-01	Handle C	2
20	12-225108-12	Screw, SEMS, Spring, Pan, Torx, 8x32, 3/4, SCZ	4
21	12-311114-12	Screw, NA, Socket, Hex, 1/4-20, 3/4, SZC, 8	4
22	00-881193-01	Assembly, Mount, Image Intensifier, 9-Inch	1
23	12-313915-20	Screw, NA, Socket, Hex, 5/16-18, 1, SBO, 8	4

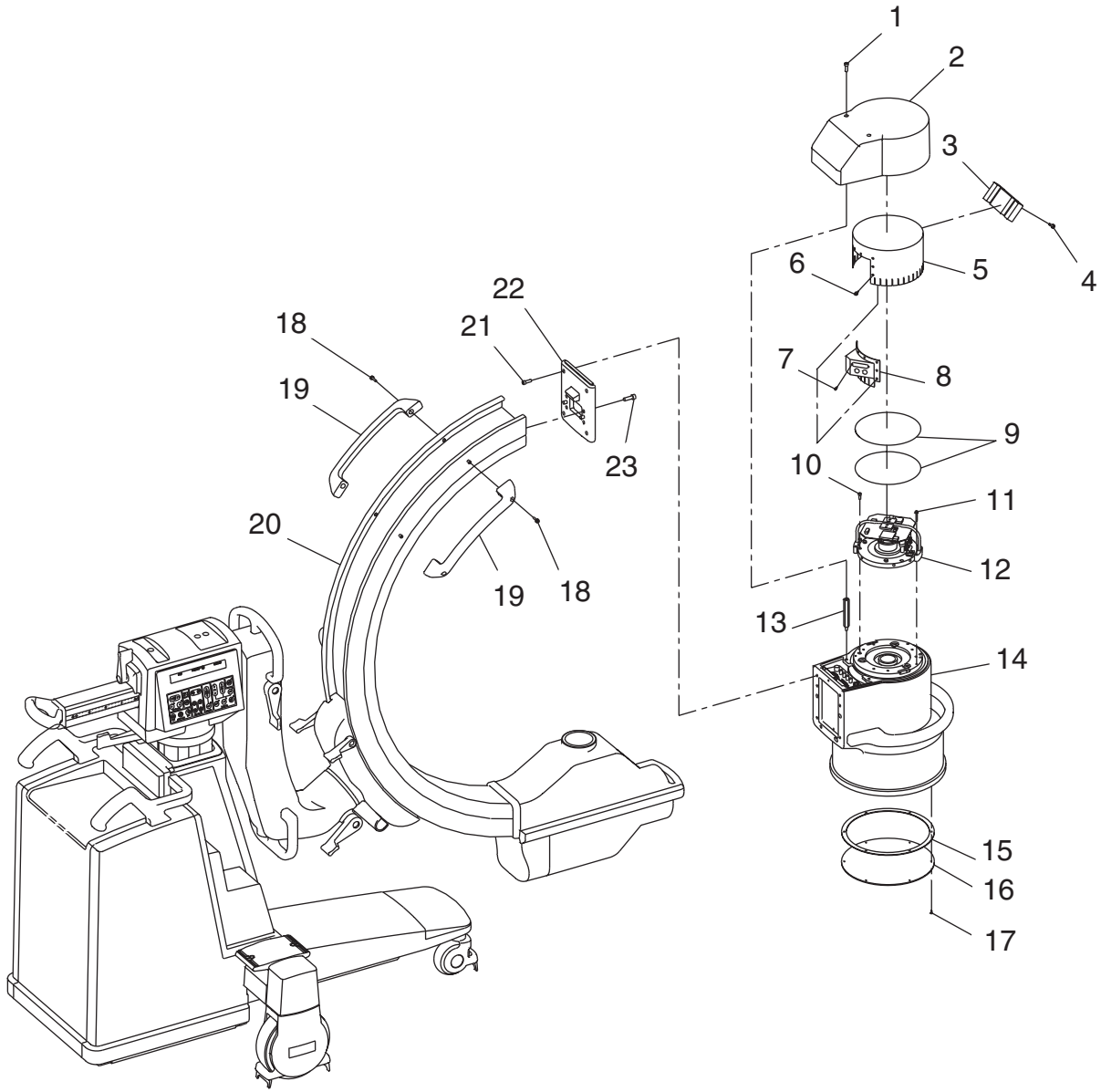

Figure 2. II, Camera Exploded View

Figure 3. X-Ray Tube, Collimator Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-880706-01	Cover, Collimator	1
2	00-877031-01	Clip, Collimator Cover	1
3	12-225160-12	Screw, SEMS, Spring, Pan, Torx, 10-32, 3/4, SZC	2
4	00-879575-01	Collimator, Secondary, 9-Inch, 3 Pot	1
5	12-225108-06	Screw, NA, Socket, Hex, 10-32, 3/4, SZC	4
6	00-880430-02	Assembly, Collimator, Base Unit	1
7	12-211114-14	Screw, NA, Socket, Hex, 1/4-20, 7/8, SZC, 8	6
8	00-876567-02	Bumper, X-Ray Mount	1
9	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	6
10	22-678482-00	Ring, Retaining, Internal, Spl, 2.312 SST	1
11	00-880838-01	Collimator, Primary 9-Inch	1
12	00-880855-01	Spacer, Foam, primary, Collimator	1
13	00-877286-01	Cover, X-Ray Tube	1
14	00-881519-01	Assembly, X-Ray Tube, External Mount	1
15	00-901753-01	Assembly, Thermal Switch (not exploded for clarity)	1
16	12-225160-10	Screw, NA, Socket, Hex, 10-32, 5/8, SZC	2
17	00-875607-01	Cover, High Voltage Cable	1
18	00-901141-01	Cable, High Voltage Control, Standard (not exploded or shown for clarity)	1
19	00-901141-03	Cable, High Voltage Control, Super C & Cardiac (not exploded or shown for clarity)	1
20	00-877320-02	Assembly, Skin Spacer (not shown)	1
21	00-881499-01	Assembly, Temp Sensor, X-Ray (not exploded or shown for clarity)	1

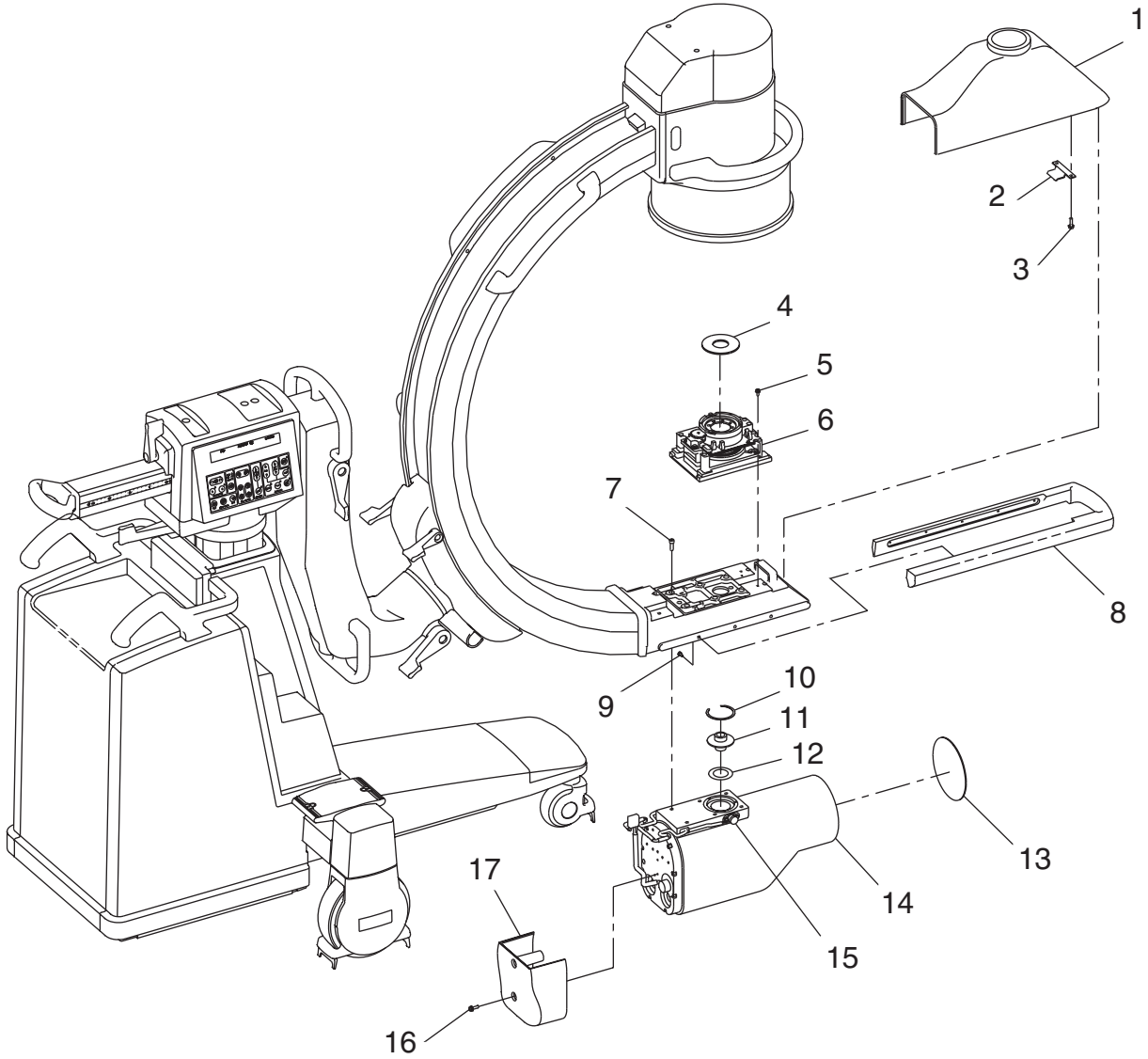

Figure 3. X-Ray Tube, Collimator Exploded View

Figure 4. Internal Cover Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879982-01	Cover, Generator Driver	1
2	20-840090-00	Fan, Axial, Blo, 12VDC, 25CFM, 3050RPM	1
3	12-255106-22	Screw, SEMS, Spring, Pan, Torx, 6-32, 1-1/4, SZC	3
4	00-881125-01	Duct, Fan	1
5	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	2
6	12-225106-08	Screw, SEMS, Spring, Pan, Torx, 6-32, 1/2, SZC	4
7	00-879694-01	Cover, Front, Card Rack	1
8	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	8
9	00-879992-01	Cover, Component tray	1
10	14-181110-00	Washer, Plain, #10, SST, MS15795-808, ID=.221	1
11	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	1
12	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	9
13	00-881127-01	Ring, Expansion Chamber	1
14	12-225104-04	Screw, SEMS, Spring, Pan, Torx, 4-40, 1/4, SZC	4

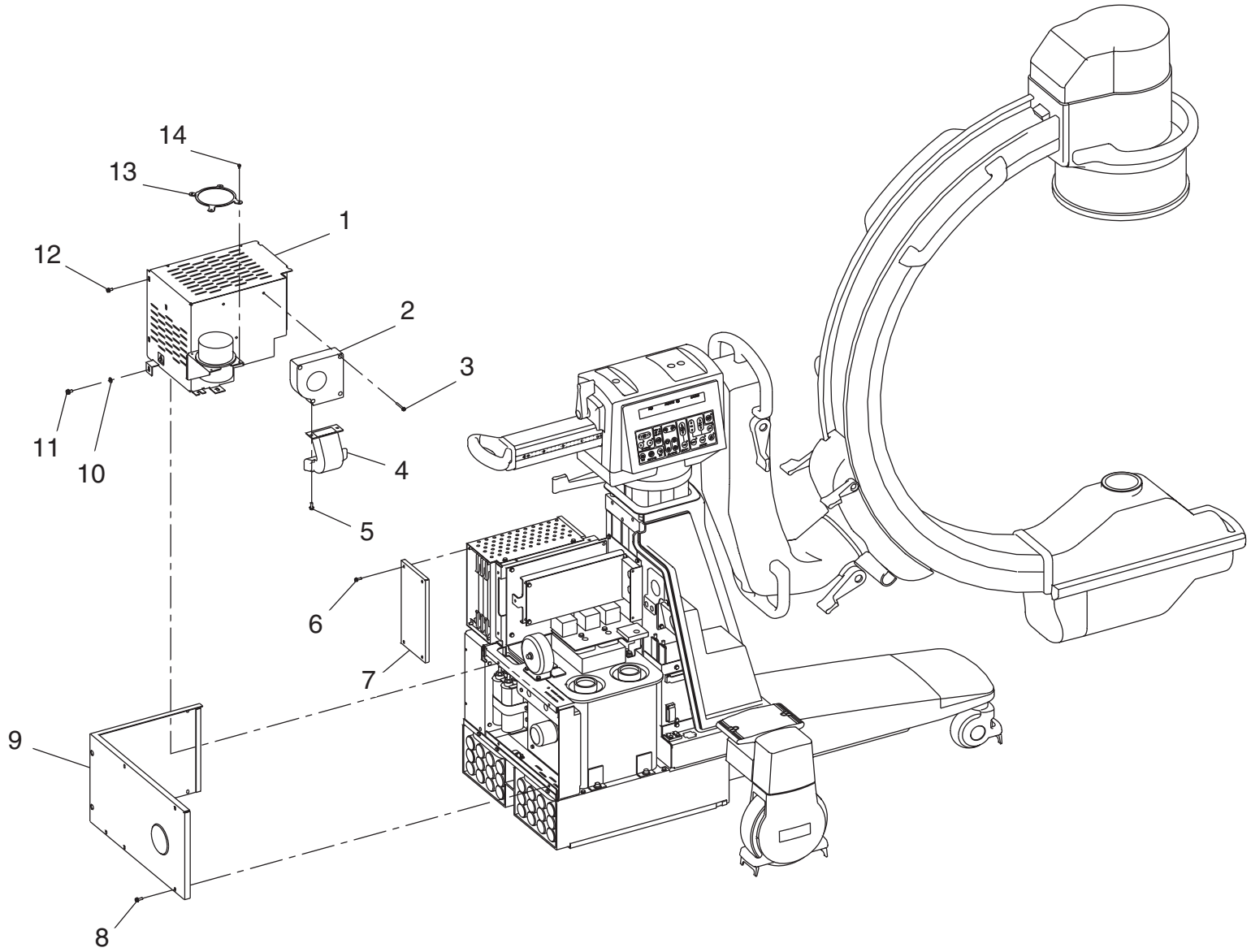

Figure 4. Internal Cover Exploded View

Figure 5. Battery, Power Panel Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	2
2	00-879870-01	Assembly, Stator Capacitor/Transformer	1
3	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	4
4	00-879124-01	Assembly, Power Panel	1
5	00-880519-01	Gasket, Lemo Connector	1
6	12-225109-10	Screw, SEMS, Spring, Pan, Torx, 8-32, 5/8, SZC	4
7	00-879325-01	PCB, Power/Motor Relay	1
8	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	1
9	00-880406-02	Assembly, Capacitor/Power Module	1
10	00-900589-01	Battery Pack	1
11	00-875583-01	Retainer, Battery	2

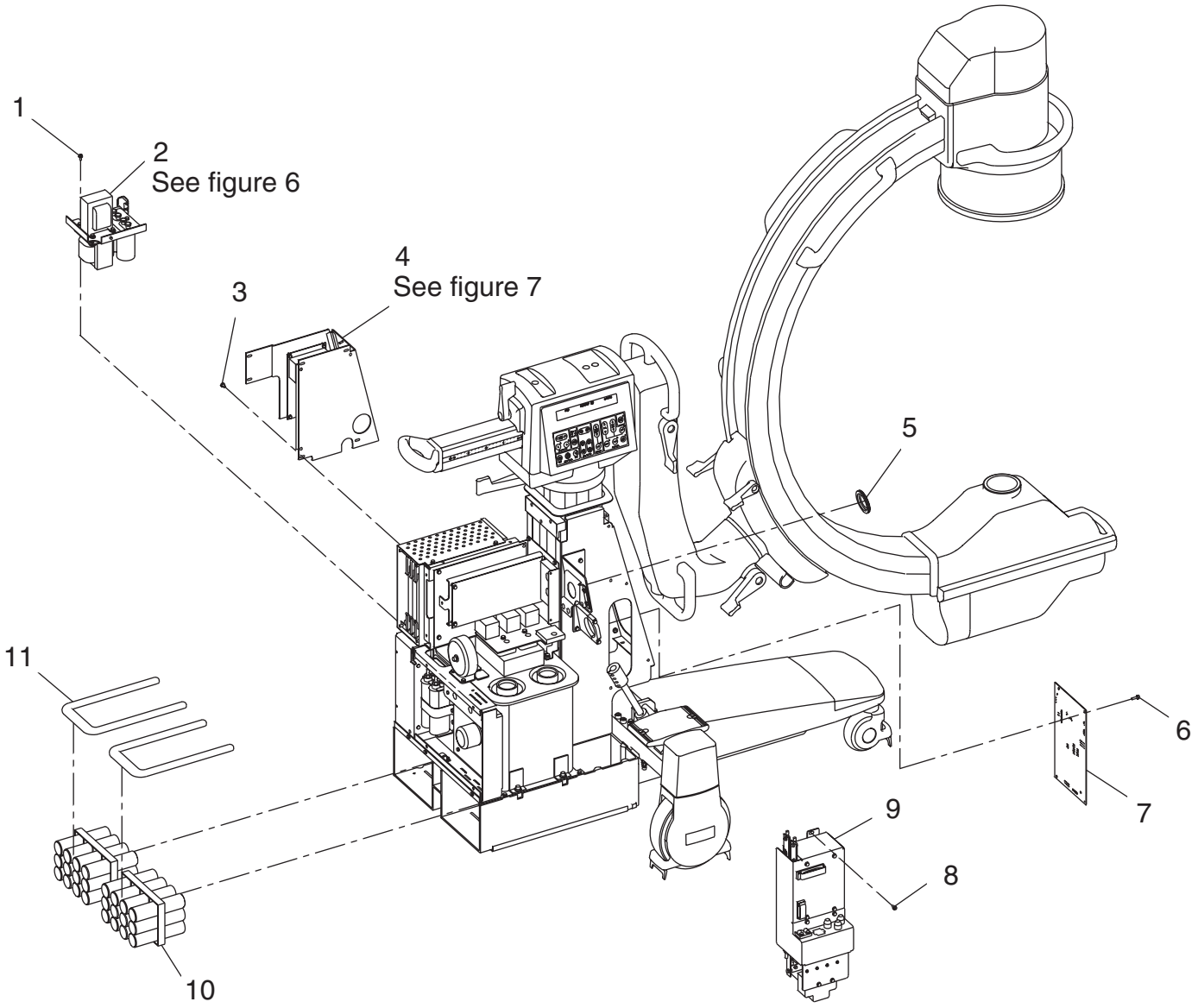

Figure 5. Battery, Power Panel Exploded View

Figure 6. Stator Capacitor/Transformer Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	4
2	00-901193-01	Transformer, Stator/Precharge	1
3	00-879792-01	Bracket, Mounting, Transformer	1
4	00-879980-01	Plate, Multi-Output, Transformer	1
5	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	4
6	00-901148-02	Transformer, Multi-Output	1
7	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	1
8	41-599065-00	Capacitor, AC Motor, 40uF, 330VAC, 10%, Terminals	1
9	41-599057-00	Capacitor, AC Motor, 30uF, 240VAC, Terminals	1
10	00-880759-01	Plate, Capacitor Clamp	1
11	55-700477-00	Circuit Breaker, 1A, SPST, 250VAC, Panel Mounting	1
12	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	3

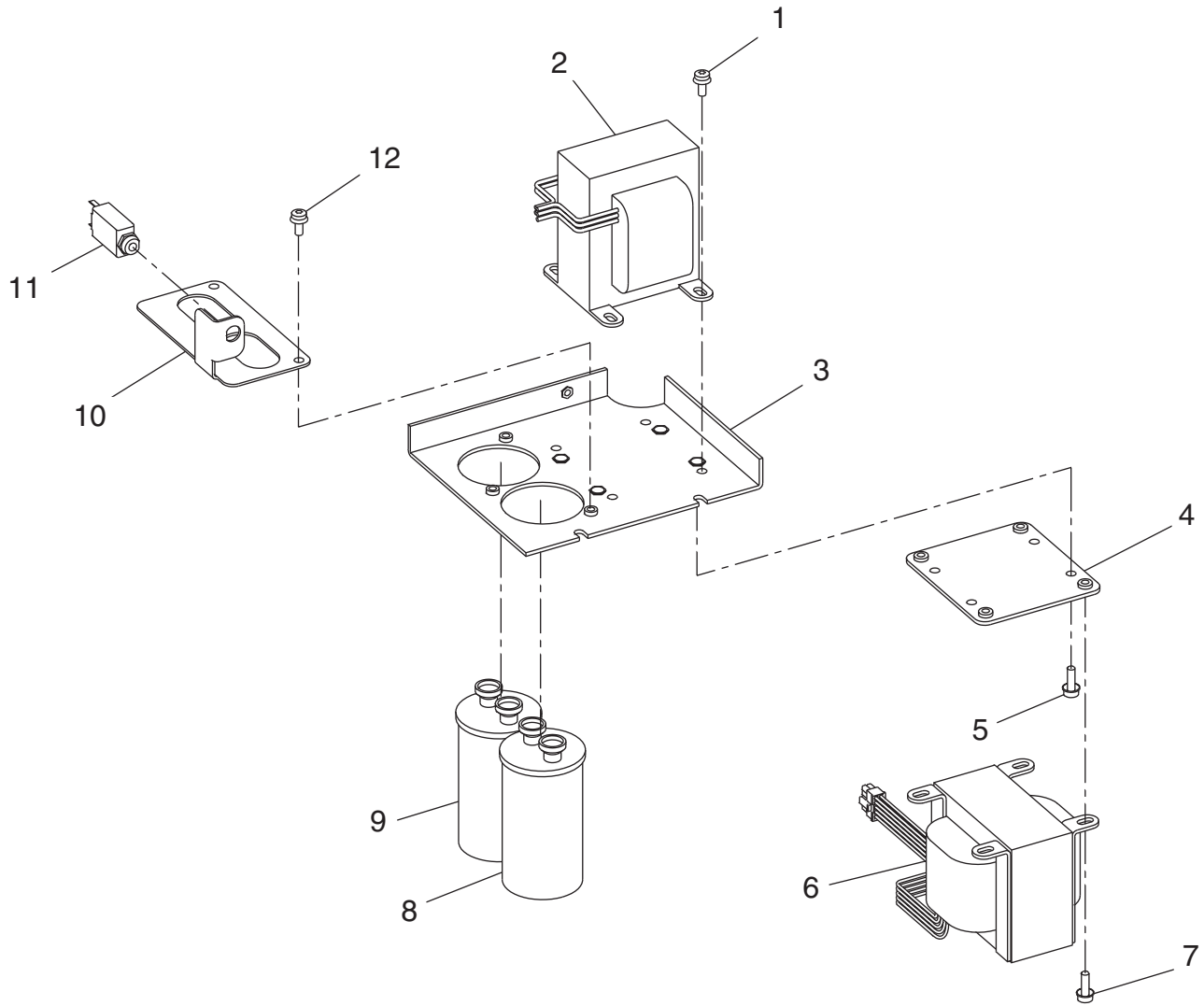

Figure 6. Stator Capaitor/Transformer Exploded View

Figure 7. Power Panel Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879021-01	Assembly, Power/Signal Interface, PCB	1
2	13-311106-00	Nut, Hex-Lock-External, 6-32, SST, NA, A=.313	2
3	15-608092-00	Terminal, Ring, Crimp, 16-14, #6, LRB6	1
4	22-012002-00	Clamp Cable/Wire, 5/8D, .50W, NYL	1
5	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	1
6	00-901393-01	Power Supply, +5/+12/+-15	1
7	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	1
8	22-012004-00	Clamp Cable/Wire, 1D, .50W, NYL	1
9	15-608092-00	Terminal, Ring, Crimp, 16-14, #6, LRB6	1
10	13-311106-00	Nut, Hex-Lock-External, 6-32, SST, NA, A=.313	1
11	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	4
12	00-879455-01	Cable Assembly, Backplane - Hand/Foot Switch	1
13	00-879455-01	Cable Assembly, Backplane - Hand/Foot Switch	1
14	67-430003-00	Indicator Lamp, Neon, 125V, Green	1
15	00-879455-01	Cable Assembly, Backplane - Hand/Foot Switch	1
16	00-879793-01	Weldment, Power Panel	1
17	00-901683-01	Key, Mainframe, 9800, with OEC Logo (not shown)	1

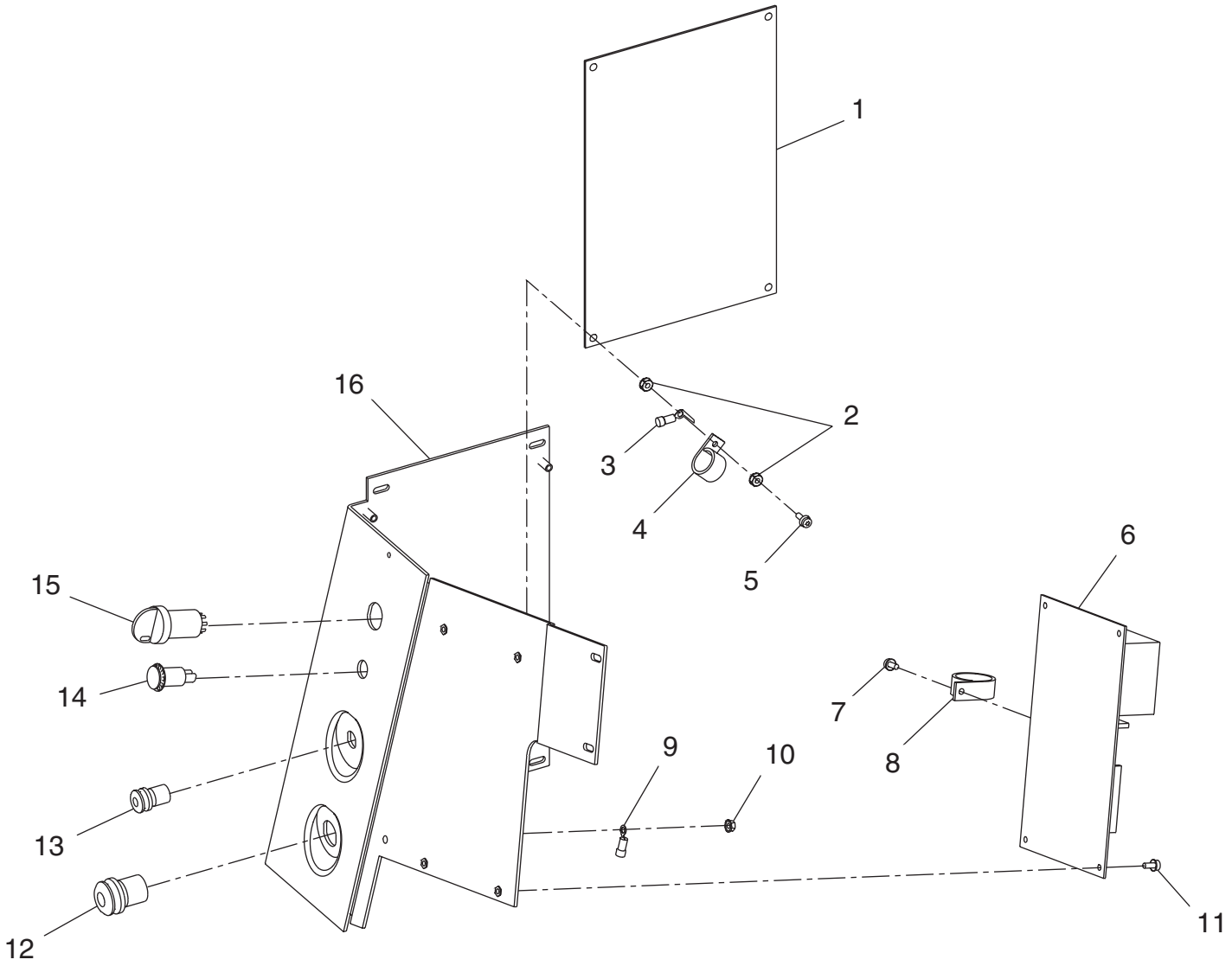

Figure 7. Power Panel Exploded View

Figure 8. Electronics Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879730-01	Assembly, Card Rack	1
2	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	2x
3	00-879788-01	Bracket, Mounting, Generator/Card Rack	1
4	00-901405-01	Insulator, heat Sink	1
5	00-879722-03	Assembly, PCB, Filament Driver	1
6	00-878908-02	Assembly, PCB, Generator Driver	1
7	00-900987-01	Tank, High Voltage	1
8	12-311114-12	Screw, NA, Socket, Hex, 1/4-20, 3/4, SZC, 8	2
9	14-211114-00	Washer, Lock-HLCL-Spring, 1/4, SST, MS35338	2
10	14-121114-00	Washer, Lock-HLCL-Spring, 1/4, SST, MS35338	2
11	12-331114-08	Screw, NA, Socket, Hex, 1/4-20, 1/2, SZC, 8	4
12	00-879782-01	Tray, High Voltage Tank	1
13	12-255108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	4
14	00-879122-01	Assembly, Generator Power Tray	1
15	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	5
16	00-879808-01	Bracket, Cover, Side	2
17	12-225108-04	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/4, SZC	4
18	00-879810-03	Bracket, Pivot Wheel	1
19	21-259986-00	Castor, Wheel, 4"D, 1-3/8W	1
20	00-879810-02	Bracket, Pivot Wheel	1
21	12-313916-36	Screw, NA, Socket, Hex, 3/8-16, 2-3/4, SBO, 8	1
22	00-879808-01	Bracket, Cover, Side	2
23	12-225108-04	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/4, SZC	4

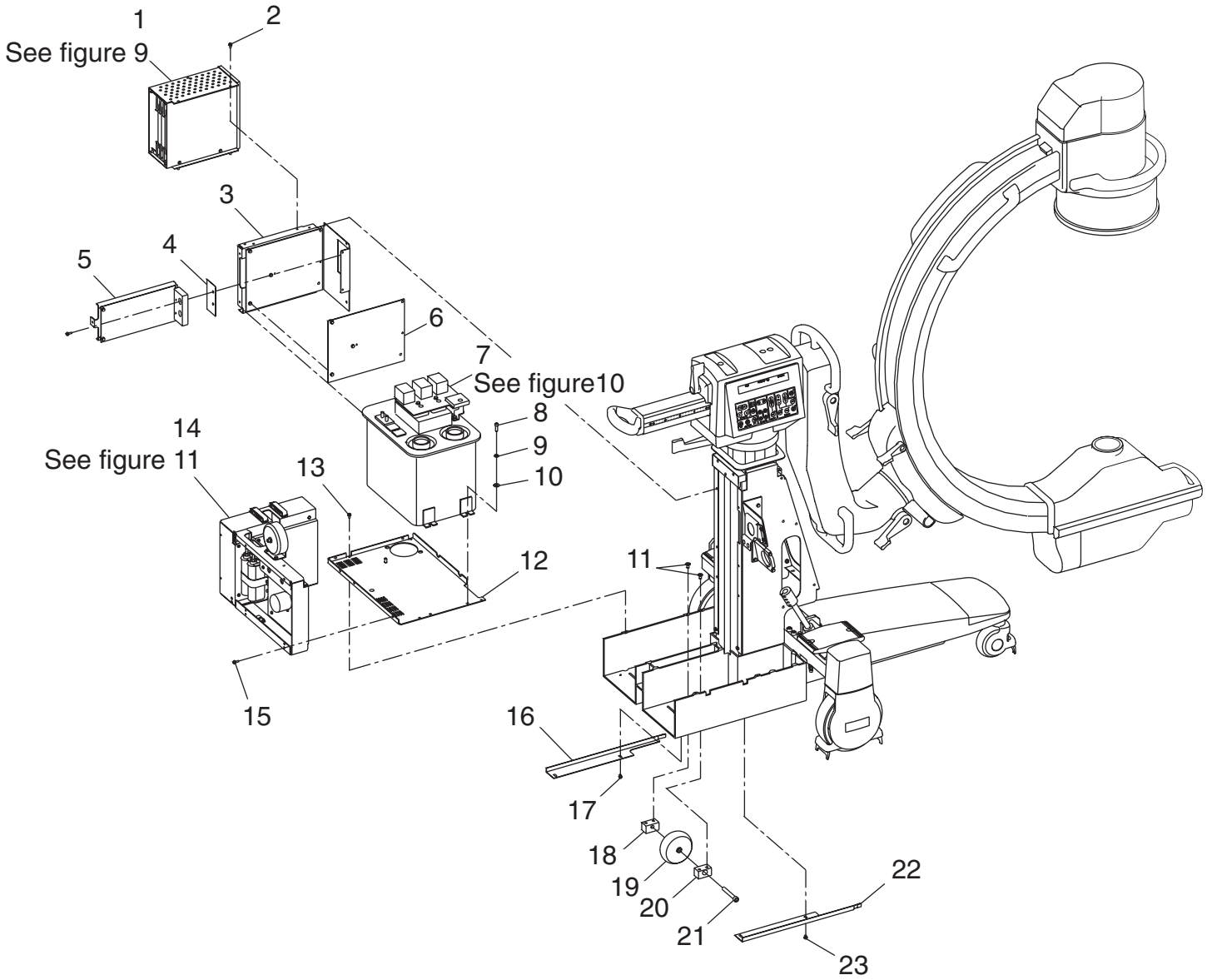

Figure 8. Electronics Exploded View

Figure 9. Card Rack Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879364-01	Assembly, Backplane, C-Arm, PCB	1
2	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	12
3	12-255106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	4
4	22-319804-00	Guide, PCB, Snapin 6.50L, .31W, .062	6
5	00-879696-01	Bracket, Card Rack	2
6	00-878729-05	Assembly, High Voltage Supply Regulator	1
7	00-879805-02	Assembly, 486 X-Ray Controller	1
8	00-879101-02	Fluoro Functions, PCB Assembly	1
9	00-879696-01	Bracket, Guide, Card Rack	2
10	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	4
11	00-879695-01	Chassis, Card Cage	1

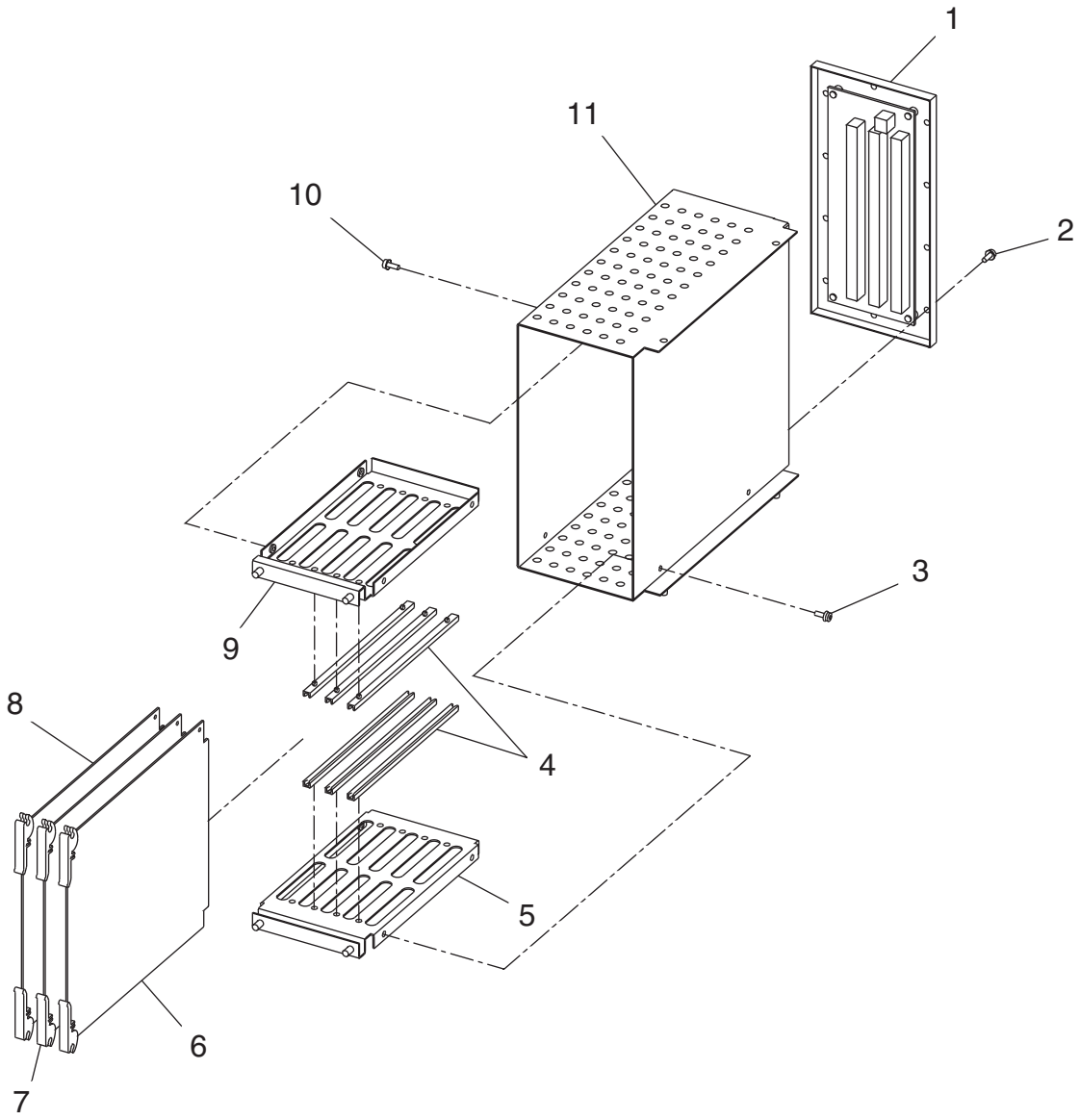

Figure 9. Card Rack Exploded View

Figure 10. IGBT/Snubber, Tank Parts List			
Item	**Part Number**	**Description**	**Qty**
1	23-601001-00	Clip, Panel, .250D, .850, Nylon, White	1
2	00-879978-01	Guard, Safety	1
3	12-225108-08	Screws, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	2
4	12-225160-06	Screws, SEMS, Spring, Pan, Torx, 10-32, 3/8, SZC	2
5	14-121110-00	Washer, Plain, #10, SST, MS15795-808, ID=.211	2
6	14-121110-00	Washer, Plain, #10, SST, MS15795-808, ID=.211	2
7	00-881324-01	Bracket, EMI	1
8	00-900987-01	Tank, High Voltage	1
9	14-121114-00	Washer, Plain, 1/4, SST, MS15795-810, ID=.276	1
10	14-211114-00	Washer, Lock-HLCL, Spring, 1/4, SST, MS35338	1
11	13-111114-00	Nut, Hex, 1/4-20, SST, MS51971-1	1
12	00-901404-01	Insulator, IGBT	2
13	00-880405-01	Assembly, IGBT/Snubber	1
14	14-121110-00	Washer, Plain, #10, SST, MS15795-808, ID=.211	4
15	14-152003-00	Washer, Lock-HLCL,#10, SST, MS35365-60	4
16	12-312060-30	Screw, NA, Socket, Hex, 10-32, 2, SST	4

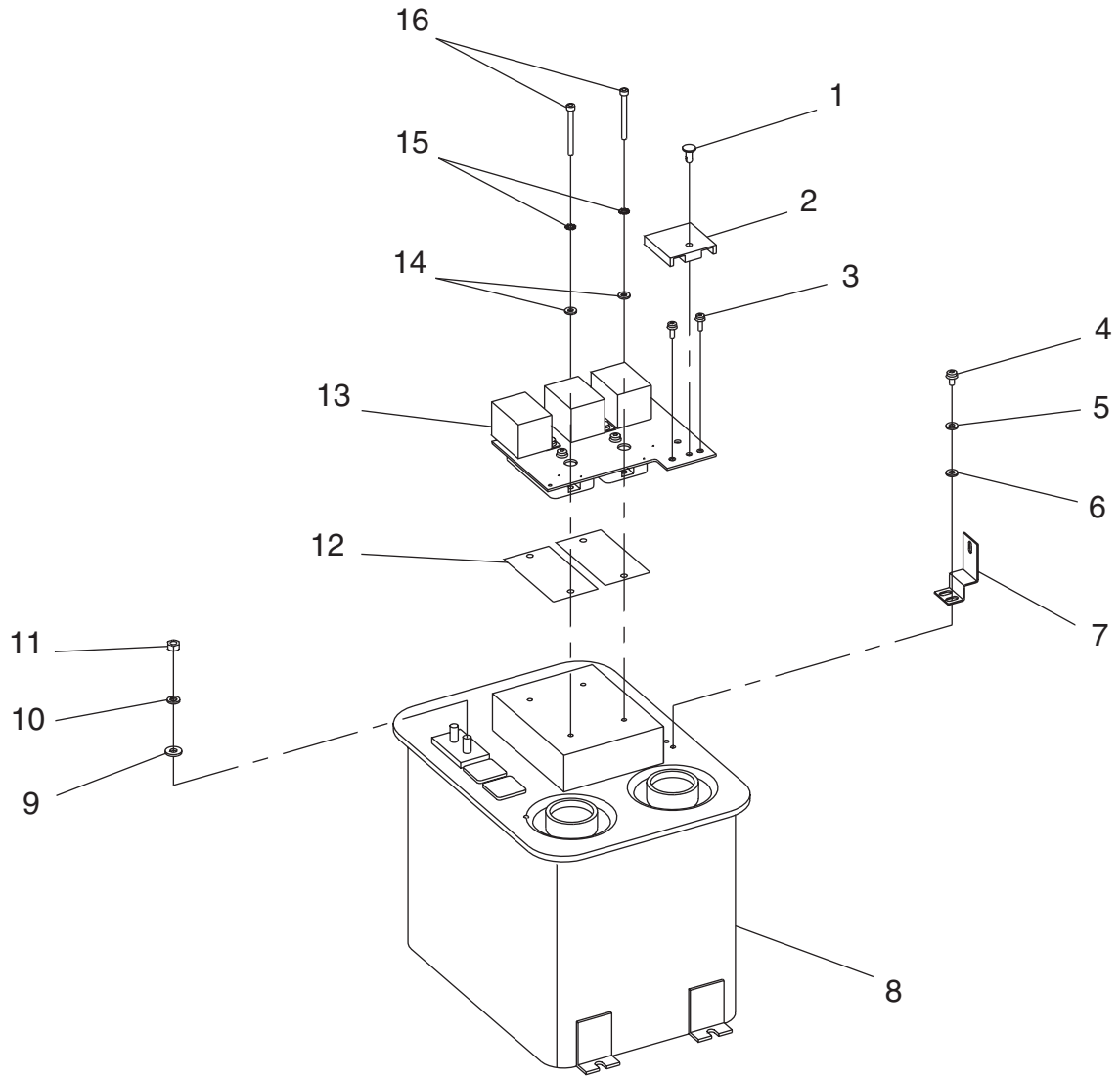

Figure 10. IGBT/Snubber, Tank Exploded View

Figure 11. Power Supply Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879984-01	Bracket, Inductor	1
2	12-225108-06	Screw, SEMS, Spring, Pan, Torx, 8-32, 3/8, SZC	8
3	00-879800-01	Assembly, Series Tuning Indicator	1
4	14-121114-00	Washer, Plain, 1/4, SST, MS15795-810	1
5	14-211114-00	Washer, Lock-HLCL-Spring, 1/4, SST, MS35338	1
6	12-311114-26	Screw, NA, Socket, Hex, 1/4-20, 1-3/4, SZC	1
7	00-879783-01	Chassis Component	1
8	13-311108-00	Nut, Hex-Lock-External-T, 8-32, SST, NA, A=.344	3
9	12-225106-08	Screw, SEMS, Spring, Pan, Torx, 6-32, 1/2, SZC	10
10	00-879784-01	Bracket, Component Clamp	1
11	41-718504-00	Capacitor, Polypropylene,2uF, 600 V, 10%, Terminals	4
12	00-879785-01	Cover, Component, Clamp	1
13	22-012002-00	Clamp, Cable/Wire, 5/8D, .50W, Nylon	1
14	00-901177-01	Power Supply, 24VDC	1
15	00-879674-01	Assembly, Power Supply, Multi-output	1
16	22-012000-00	Clamp, Cable/Wire, 3/4D, .50W, Nylon	1
17	00-879970-01	Assembly, Fan, Power Supply	1
18	12-225106-22	Screw, SEMS, Spring, Pan, Torx, 6-32, 1-1/4, SZC	2
19	22-1200012-00	Clamp, Cable Ribbon, Qik-Lok, .73x3.00, Nylon	2

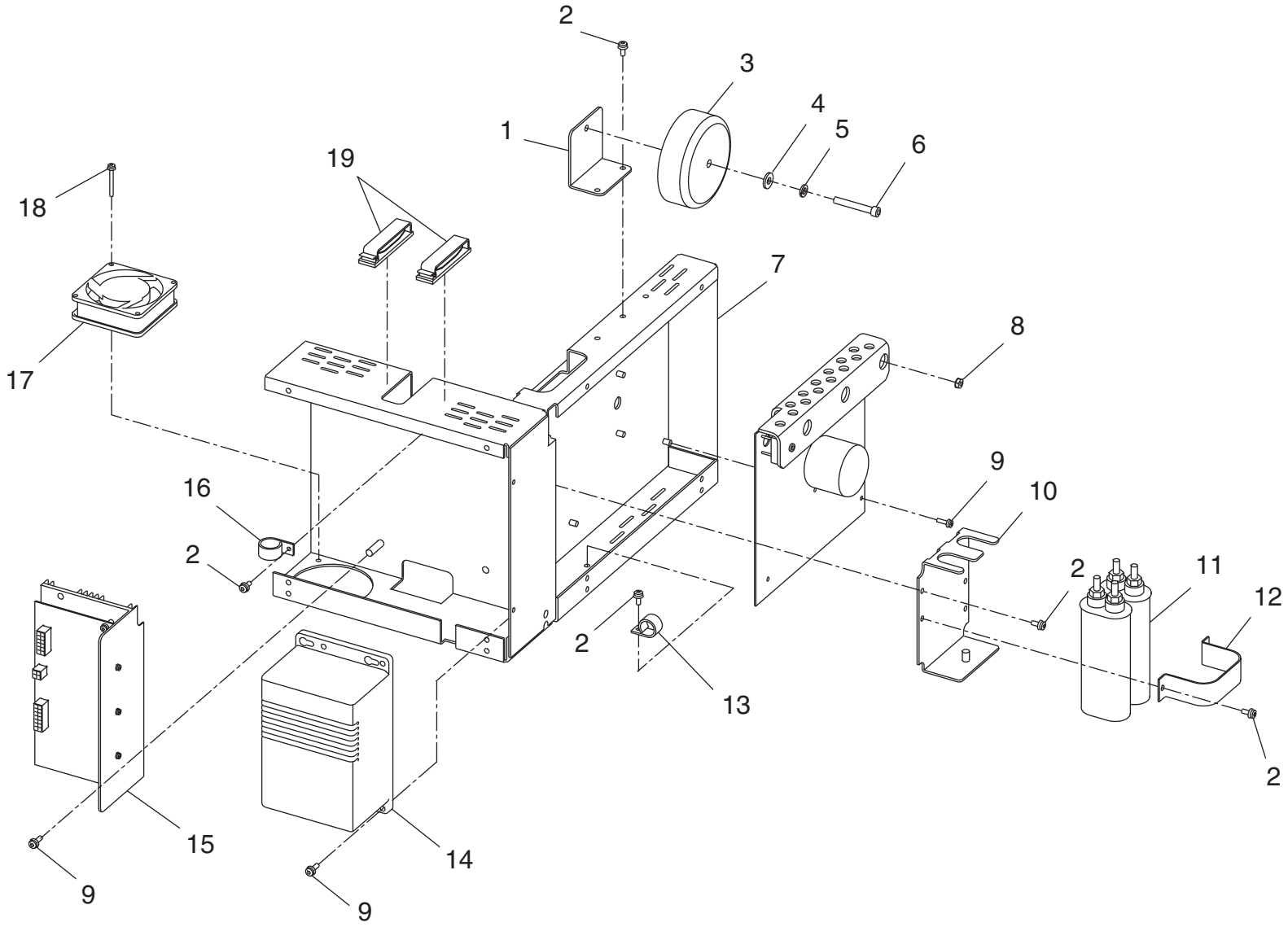

Figure 11. Power Supply Exploded View

Figure 12. Control Panel, L-Arm Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879502-01	Assembly, Control Panel, Right	1
2	00-879422-01	Assembly, Cable, X-ray Switch	1
3	00-879395-03	Assembly, Cable, Motion	1
4	00-879031-01	Assembly, Cable, Lift Up	1
5	00-880643-01	Assembly, Cover, Bearing, Cross Arm	1
6	00-879502-02	Assembly, Control Panel, Left	1
7	12-215006-06	Screw, Machine, Flanged, Torx, 6-32, 3/8, SZC	8
8	12-225104-05	Screw, SENS, Spring, Pan, Torx, 4-40, 5/16, SZC	6
9	00-880324-01	PCB, Control Panel Processor I/O	1
10	00-878488-03	Assembly, Control Panel Processor	1
11	00-880821-01	Assembly, L-Arm, Mechanical	1
12	00-880655-01	Flip Flop, 9-Inch	1
13	00-880656-01	Flip Flop, 12-Inch	1
14	12-311114-06	Screw, NA, Socket, Hex, 1/4-20, 3/8, SZC, 8	2
15	19-224945-00	Pin, Spring, .250OD, 1, SZC	1
16	00-879667-01	Handle, Push, Cross Arm	1

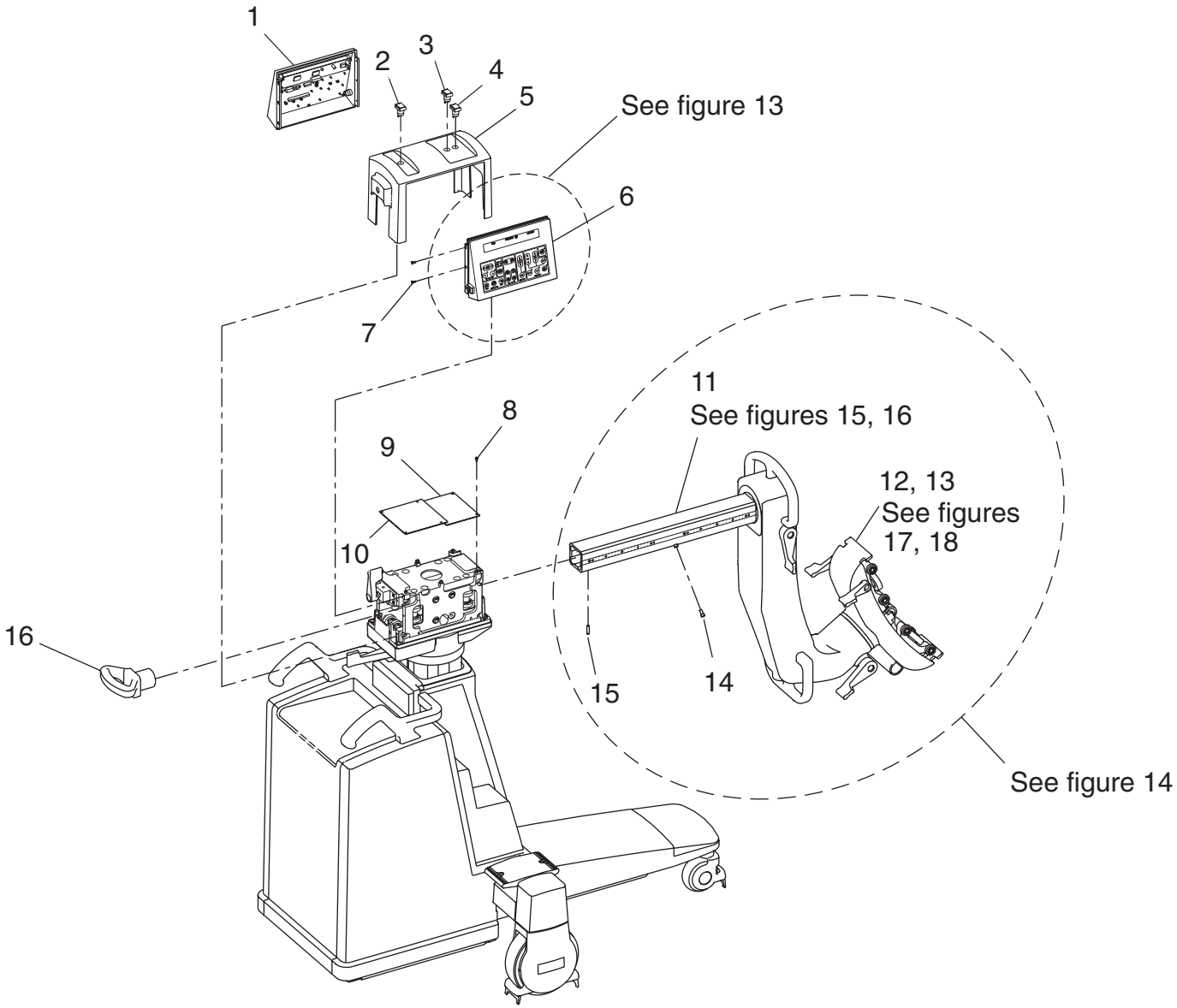

Figure 12. Control Panel, L-Arm Exploded View

Figure 13. Control Panel Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-901403-01	Vacuum Fluorescent Display Module (SCD)	1
2	00-880843-01	Lens, Cross Arm Cover	1
3	00-901151-01	Panel Assembly, Cont 9800 C-Arm	1
4	00-880842-01	Cover, Side, Cross Arm	1
5	00-879407-01	Cable Assembly, Fast Stop	1
6	12-225104-06	Screw, SENS, Spring, Pan, Torx, 4-40, 3/8, SZC	10

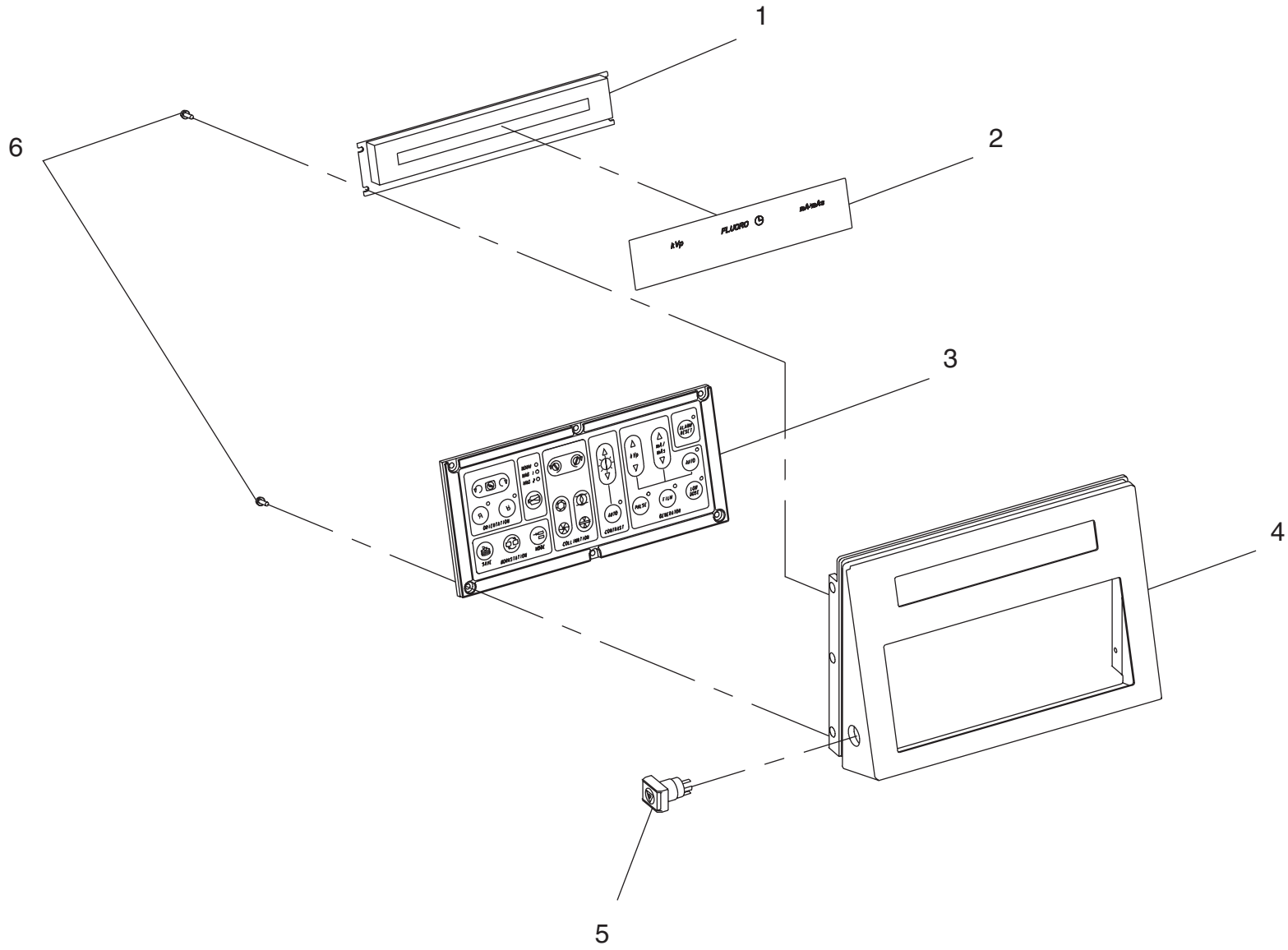

Figure 13. Control Panel Exploded View

Figure 14. L-Arm Parts List (1 of 3)			
Item	**Part Number**	**Description**	**Qty**
1	00-880821-01	Assembly, L-Arm, Mechanical	1
2	21-301782-00	Washer, Lock, Brg, 1.406ID, 1.378 BRG B	1
3	00-876962-01	Pad, Stop	2
4	00-880818-01	Stop, Bumper, Flip Flop	1
5	00-880655-01	Flip Flop, 9-inch	1
6	00-880656-01	Flip Flop, 12-inch	1
7	21-119936-00	Bearing, Roller, Taper-Cone, 3.000ID, .531WD	1
8	21-119920-00	Bearing, Roller, Taper-Cone, 1.3775ID, .6600WD	1
9	21-301785-00	Nut, Lock, Brg, 1.378 BRG, 1.906OD, Steel Zinc	1
10	00-880704-01	Cover, Plate, Access, L-Arm	1
11	00-880778-01	Handle, Lower, L-Arm	1
12	12-311114-24	Screw, NA, Socket, Hex, 1/4-20, 1-1/2, SZC, 8	3
13	14-901029-00	Washer, Flange, 7/16, Steel, N/A, ID=.469, OD=.927	1
14	12-901004-22	Screw, NA, Socket, Hex, 7/16-20, 1-1/4, SZC, 8	1
15	20-843001-00	Rod, End Spherical Bearing, M RH, .4375ID	1
16	13-161167-00	Nut, Hex-JM, 7/16-20, SZC, ANSI B18.2.2	1
17	00-880697-01	Adapter, Rod End	1
18	00-881141-01	Shock, Gas	1
19	88-299700-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	AR
20	00-880700-01	End, Spherical, L-Arm	1
21	11-615000-00	Screw, Set-JM, Socket, hex, 7/8-14, 7/16, Steel	1

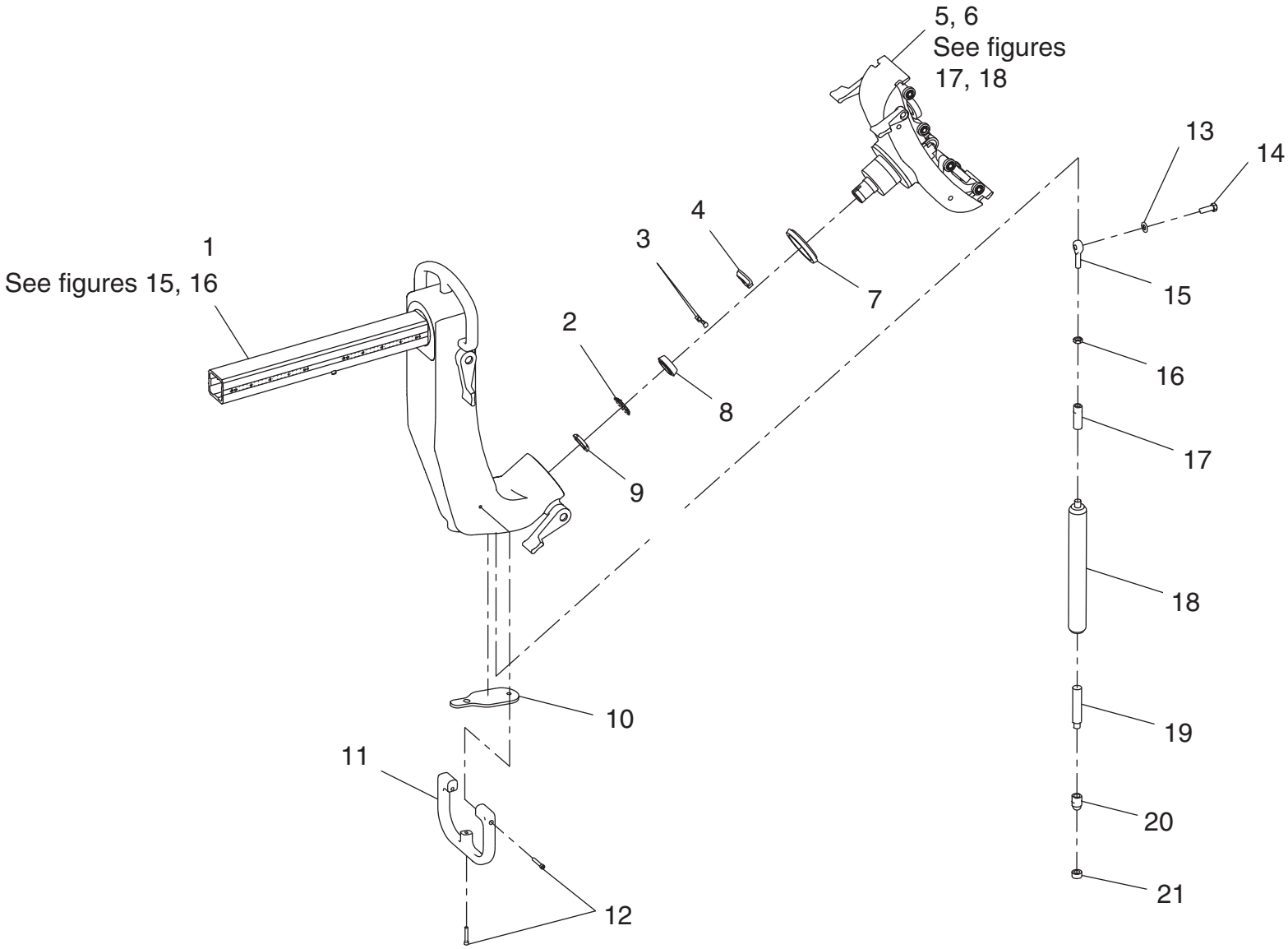

Figure 14. L-Arm Exploded View (1of 3)

Figure 15. L-Arm Parts List (2 of 3)			
Item	**Part Number**	**Description**	**Qty**
1	00-880820-01	Assembly, Brake Shoe	1
2	00-880693-01	Drum, Brake	1
3	21-301782-00	Washer, Lock, Brg, 1.406ID, 1.378 Brg B	1
4	21-119921-00	Bearing, Roller, Taper-Cup, 2.3612OD, 4700WD	3
5	19-221868-00	Pin, Dowel, .1875OD, .500, Steel	2
6	21-119920-00	Bearing, Roller, Taper-Cup, 1.3775OD, 6600WD	2
7	00-880699-01	Stop, Slider, L-Arm	1
8	88-299477-00	Lub, grease, GP, 14.1OZ, CRTG	AR
9	00-880705-01	Weldment, Shaft, Cross Arm	1
10	00-880696-01	Cover, Ring, L-Arm	1
11	00-881233-02	Label, Horizontal Cross Arm	1
12	00-879905-01	Machining, Cross Arm	1
13	00-881233-01	Label, Horizontal Cross Arm	1
14	19-224948-00	Pin, Spring, .438OD, 2.50, Steel	2
15	19-224771-00	Pin, Spring, .3750OD, .750, SZC	2
16	21-301785-00	Nut, Lock, Brg, 1.378 Brg, 1.906OD, Steel Zinc	1
17	19-224946-00	Pin, Spring, .3750OD, 2.000, SZC	1
18	19-225105-00	Pin, Dowel, .5000OD, 1.000, Steel	1
19	21-119937-00	Bearing, Roller, Taper-Cup, 4.156OD, .3750WD	1
20	00-880820-01	Assembly, Brake Shoe	1

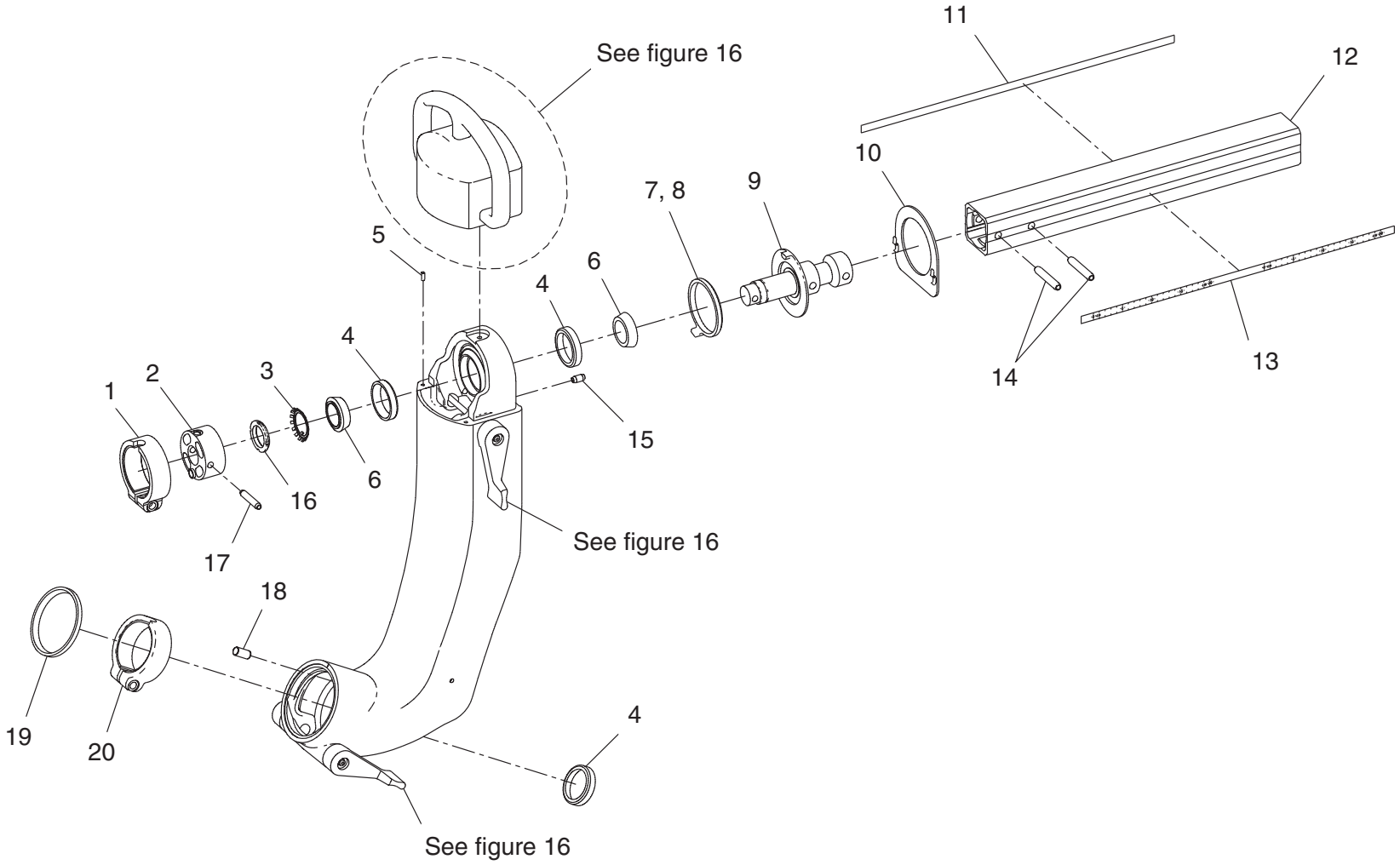

Figure 15. L-Arm Exploded View (2 of 3)

Figure 16. L-Arm Parts List (3 of 3)			
Item	**Part Number**	**Description**	**Qty**
1	00-880692-01	Handle, L-Arm	1
2	12-311114-08	Screw, NA, Socket, Hex, 1/4-20, 1/2, SZC, 8	1
3	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	AR
4	00-880695-01	Machining, Cap, L-Arm	1
5	19-224763-00	Pin, Spring, .125OD, .500, Steel	2
6	00-880702-01	Shaft, Brake, L-Arm	1
7	21-301785-00	Nut, Lock, Brg, 1.378 Brg, 1.906OD, Steel Zinc	10
8	27-402277-00	O-Ring, .549ID X .103WD, NPRN, .113	3
9	00-879394-02	Insert, Handle	3
10	12-225160-08	Screw, SEMS, Spring, Pan, Torx, 10-32, 1/2, SZC	4
11	00-876981-01	Handle, Brake, Flip Flop	4
12	22-678622-00	Ring, Retaining, External, basic, 7/16. Spring, Steel	4
13	00-879344-01	Actuator, Right Hand	2
14	00-880701-01	Screw, Adjust, Spherical, L-Arm	1
15	00-880840-01	Shaft, Brake, Flip Flop	1
16	00-879343-01	Actuator, Left Hand	2
17	00-880642-01	machining, L-Arm	1
18	12-225160-08	Screw, SEMS, Spring, Pan, Torx, 10-32, 1/2, SZC	3

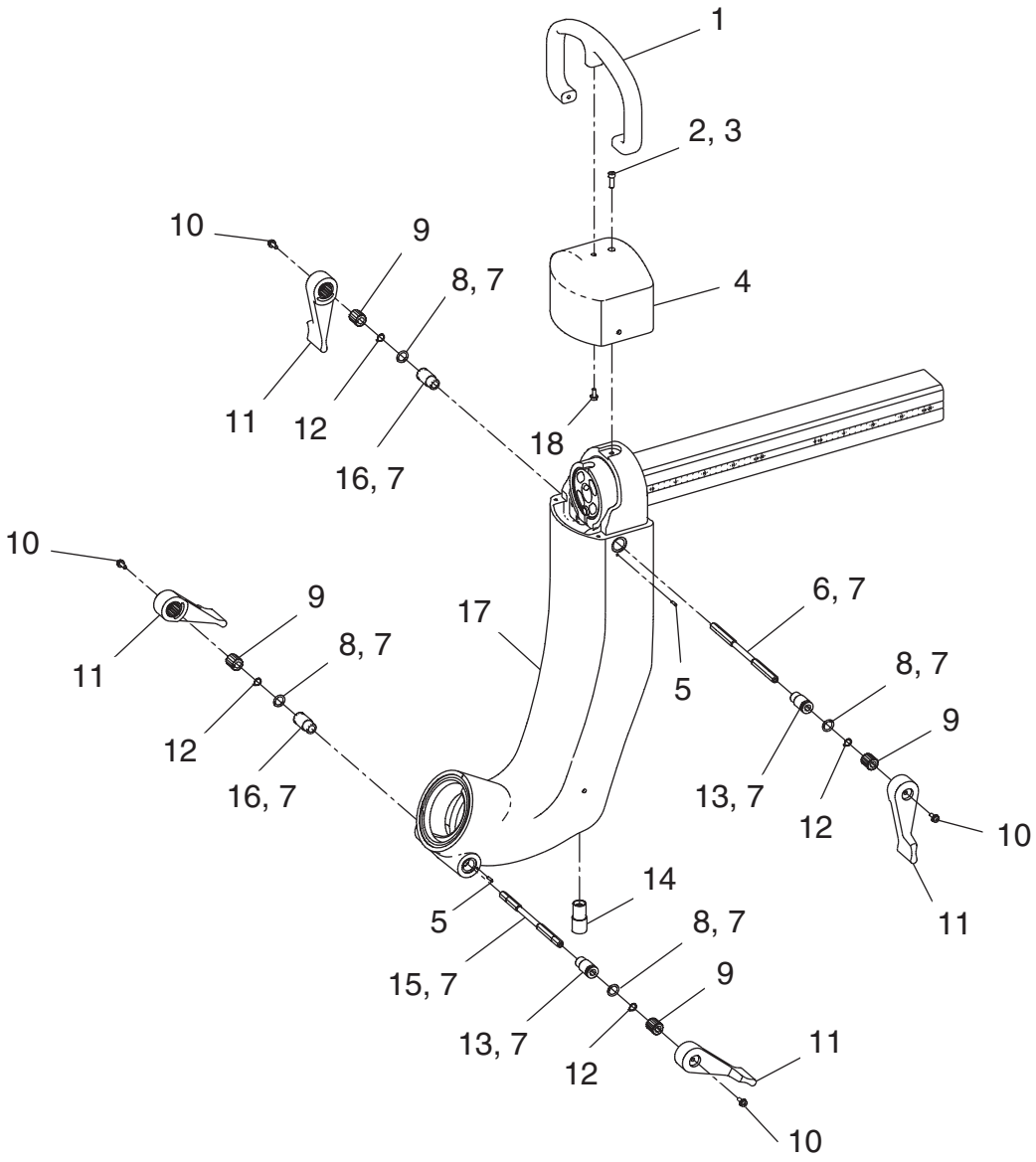

Figure 16. L-Arm Exploded View (3 of 3)

Figure 17. 9" Flip Flop Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-881224-01	Yoke, Roller	1
2	12-315060-06	Screw, NA, Socket, Torx, 10-32, 3/8, SZC, 8	2
3	88-292284-00	Adhesive, Slt, Purple, Bottle, 10cc, 222-21	12
4	00-901523-02	Clutch, Friction	1
5	12-225160-20	Screw, Socket, Spring, Pan, Torx, 10-32, 1, SZC	1
6	00-881057-02	Pad, Brake	1
7	00-881056-01	Base, Break	1
8	00-880387-01	Arm, Brake	1
9	12-331114-12	Screw, NA, Socket, Torx, 1/4-20, 3/4, SZC, 8	2
10	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	10
11	00-881222-01	Spring, Roller	1
12	14-999724-00	Washer, Pl, 3/8, Nylon, NA, ID=.375, OD=.750	2
13	00-880385-01	Pivot, Brake	1
14	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	2
15	00-876704-01	Handle, Brake, C-Rotation	1
16	00-880383-01	Shaft, Brake	1
17	00-880384-01	Cam, Brake	1
18	88-299477-00	Lub, Grease, GP, 14, 1OZ, CRTG	AR
19	21-180020-00	Bearing, Cylinder, .375ID, .500L, Plastic	2
20	11-633910-04	Screw, Set, Socket, Hex, 10-32, 1/4, SBO, KCUP	2
21	12-311116-12	Screw, NA, Socket, Hex, 3/8-16, 3/4, SZC, 8	8
22	00-880602-01	Machining, Flip Flop	1
23	00-880382-01	Shaft, Pivot, Toggle Arm	4
24	00-880395-01	Shaft, Pivot	1
25	00-882362-01	Assembly, Roller and Bearing, 9"	4

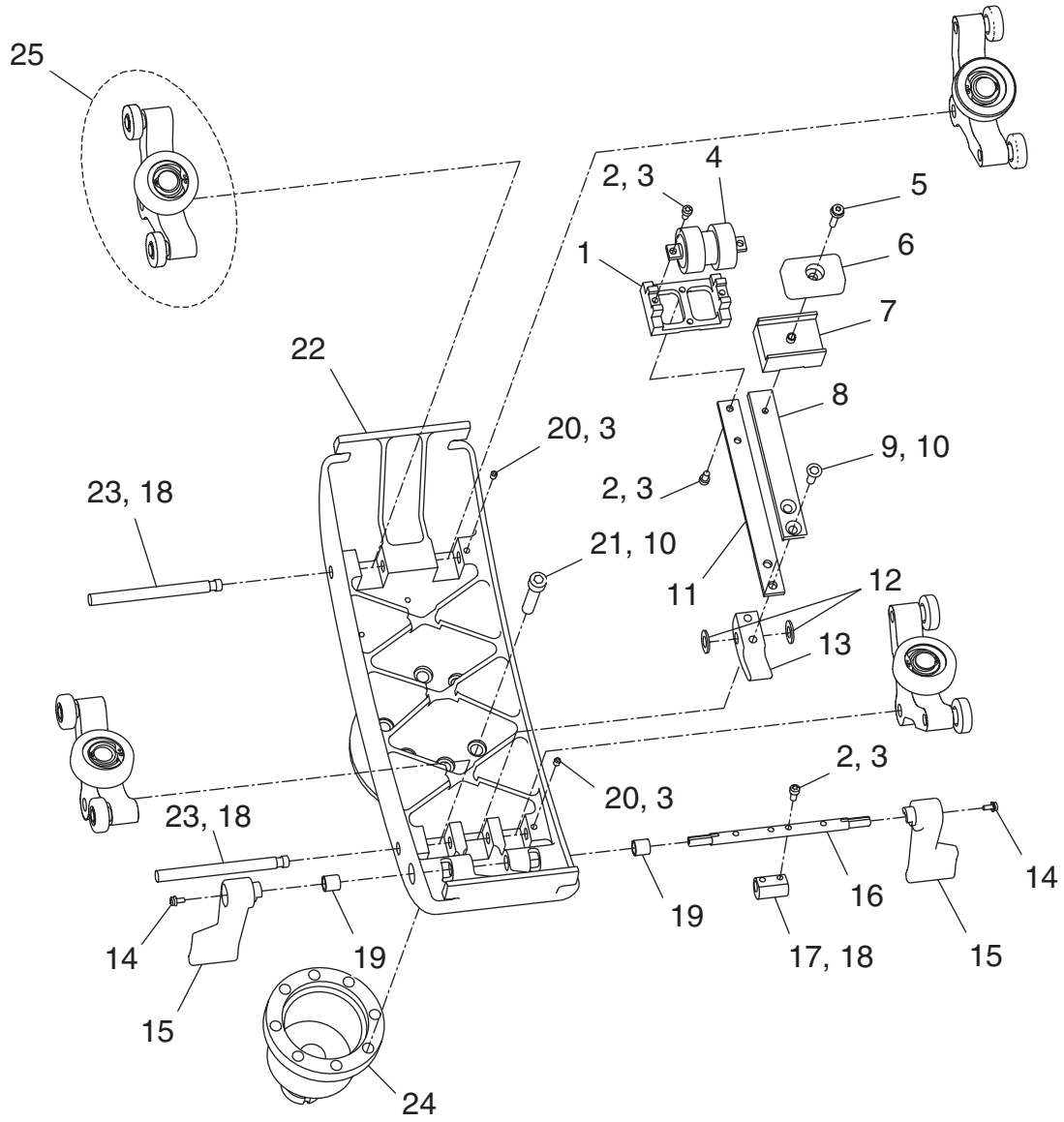

Figure 17. 9” Flip Flop Exploded View

Figure 18. 12" Flip Flop Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-881224-01	Yoke, Roller	1
2	12-315060-06	Screw, NA, Socket, Torx, 10-32, 3/8, SZC, 8	8
3	88-299284-00	Adhesive, Slt, Purple, Bottle, 10cc, 222-21	10
4	00-901523-01	Clutch, Friction	1
5	12-225160-20	Screw, SEMS, Spring, Pan, Torx, 10-32, 1, SZC	1
6	00-881057-02	Brake, Pad	1
7	00-881056-01	Base, Brake	1
8	00-880385-01	Arm, Brake	1
9	12-331114-12	Screw, NA, Flange, Hex, 1/4-20, 3/4, SZC, 8	2
10	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	10
11	00-881222-01	Spring, Roller	1
12	14-999724-00	Washer, Panel, 3/8, Nylon, NA, ID=.375, OD=.750	2
13	00-880385-01	Pivot, Brake	1
14	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	2
15	00-876704-01	Handle, Brake, C-Rotation	2
16	00-880383-01	Shaft, Brake	1
17	00-880384-01	Cam, Brake	1
18	88-299477-00	Lub, Grease, Gp, 14, 10oz, CRTG	4
19	21-180020-00	Bearing, Cylinder, .375ID, .500L, Plastic	2
20	11-633910-04	Screw, Set, Socket, Hex, 10-32, 1/4, SBO, KCUP	2
21	12-311116-30	Screw, NA, Socket, Torx, 3/8-16, 2, SZC, 8	8
22	00-880610-01	Housing, Flip-Flop, 12 Inch	1
23	00-880382-01	Shaft, Pivot, Toggle Arm	2
24	00-880395-01	Shaft, Pivot	1
25	00-882371-01	Assembly, Roller and Bearing, 12"	4

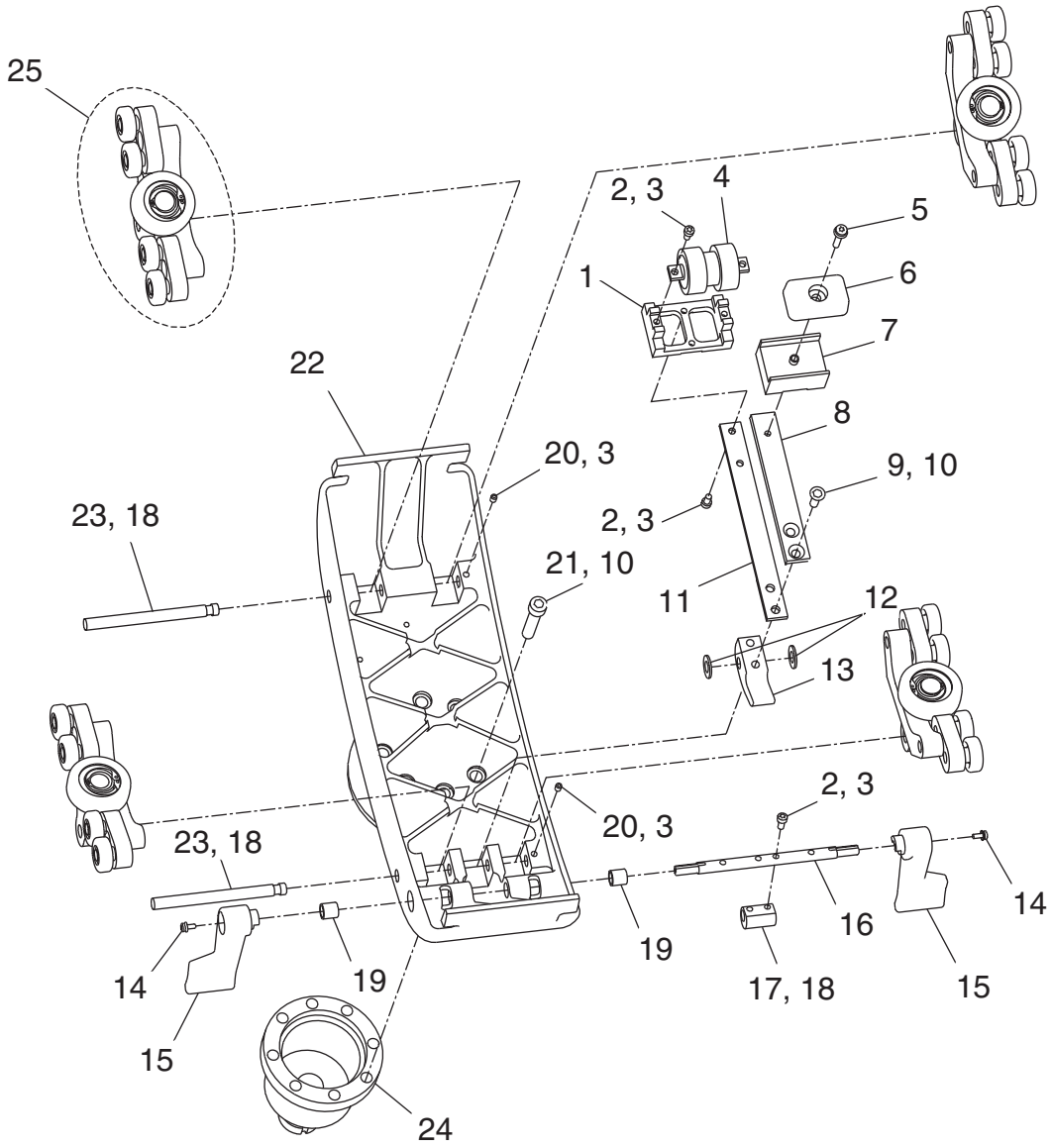

Figure 18. 12” Flip Flop Exploded View

Figure 19. Vertical Column, Cross Arm Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-318069-36	Screw, Metric, Socket, Hex, M10X1.5, 90MM, SZC	4
2	22-407702-00	Standoff, Hex, M/F, 4-40, .250L, Steel	6
3	00-880432-01	Assembly, Cross Arm Housing	1
4	00-880637-01	Cable Hanger, Bracket	1
5	12-311114-08	Screw, NA, Socket, Hex, 1/4-20, 1/2, SZC, 8	2
6	12-215006-12	Screw, Machine, Flanged, Torx, 6-32, 3/4, SZC	4
7	00-879895-01	Cross Arm, Lower Cover	1
8	00-881546-01	Spacer, Shield	1
9	12-311114-14	Screw, NA, Socket, Hex, 1/4-20, 7/8, SZC, 8	2
10	12-318069-26	Screw, Metric, Socket, Hex, M10X1.5, 40MM, SZC	4
11	14-141116-00	Washer, Pl, 3/8, SZC, NA, ID=.437, OD=1.000	4
12	00-879796-02	Base, Machining	1
13	00-901166-01	Column, Lift (SCD)	1
14	00-879809-01	Plate, Cover, Rear	1
15	12-318069-26	Screw, Metric, Socket, Hex, M10X1.5, 40MM, SZC	2
16	00-879828-01	Gasket, Column, Vertical	1
17	00-881574-01	Spacer, Column, Vertical	1
18	12-225160-08	Screw, SEMS, Spring, Pan, Torx, 10-32, 1/2, SZC	1
19	00-876980-01	Handle, Brake, Wig Wag	1
20	12-215060-08	Screw, Machine, Flanged, Torx, 10-32, 1/2, SZC	4
21	00-880532-01	Brake Assembly, Cross Arm	1

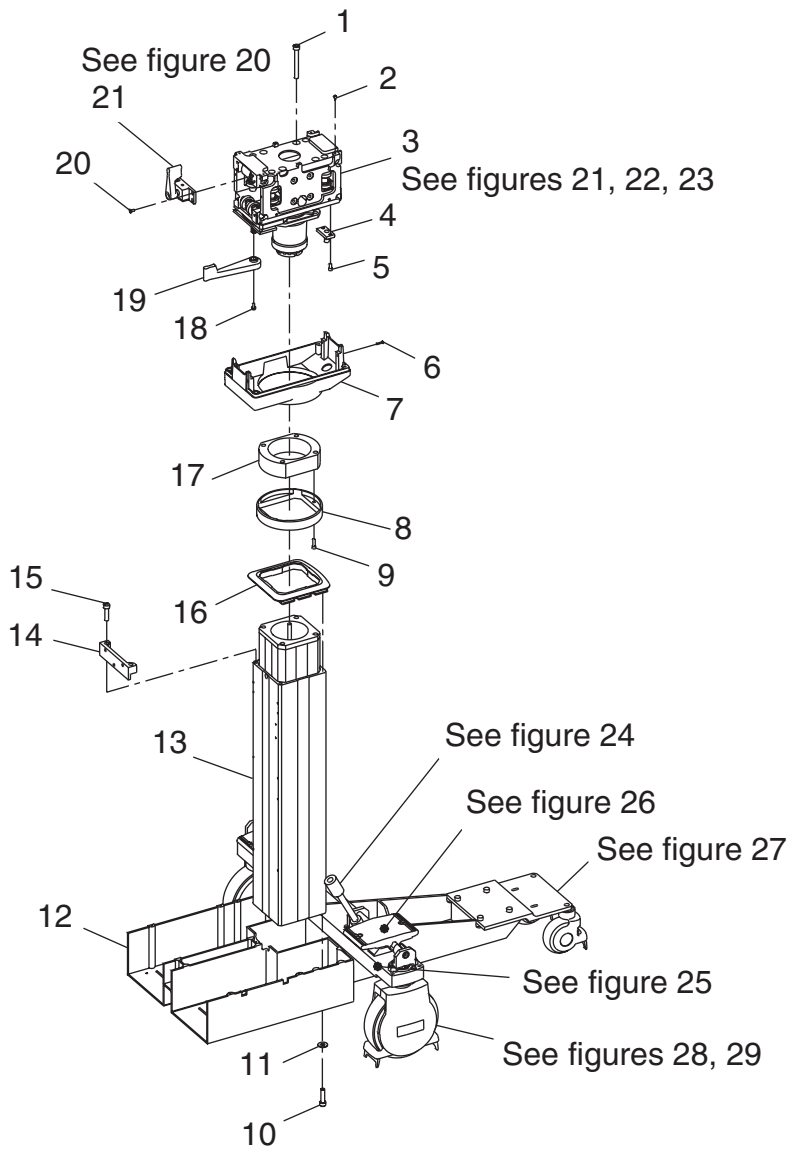

Figure 19. Vertical Column, Cross Arm Exploded View

Figure 20. Cross Arm Brake Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-221106-06	Screw, Machine, Pan, Phillips, 6-32, 3/4, SST	1
2	00-879679-01	Plate, Mount, Brake Shoe	1
3	00-879682-01	Spring, Brake, Cross Arm	1
4	00-879677-02	Cam, Brake, Cross Arm	1
5	00-880533-01	Mount, Brake, Cross Arm	1
6	00-879683-02	Handle, Brake, Cross Arm	1
7	14-121106-00	Washer, Pl, #6, SST, MS15795-805, ID=.151	1
8	12-322006-20	Screw, Locking, Socket, Hex, 6-32, 1, SST	1
9	00-879678-01	Shaft, Brake, Cross Arm	1
10	88-299477-00	Lub, Grease, Gp, 14.1OZ, CRTG	2
11	19-224754-00	Pin, Spring, .125OD, 1, SST	1
12	00-879676-01	Bushing, Cross Arm	2
13	88-299199-00	Adhesive, Green, 50CC, 605-31	2
14	19-224763-00	Pin, Spring, .125OD, .500, SST	1
15	19-224770-00	Pin, Spring, .62OD, .438, SZC	1
16	00-879681-01	Cam Follower, Cross Arm	1
17	21-715006-00	Spring, CPRSN Wave, .625OD, .240LG, SST	1
18	00-879680-01	Pad, Brake, Cross Arm	1

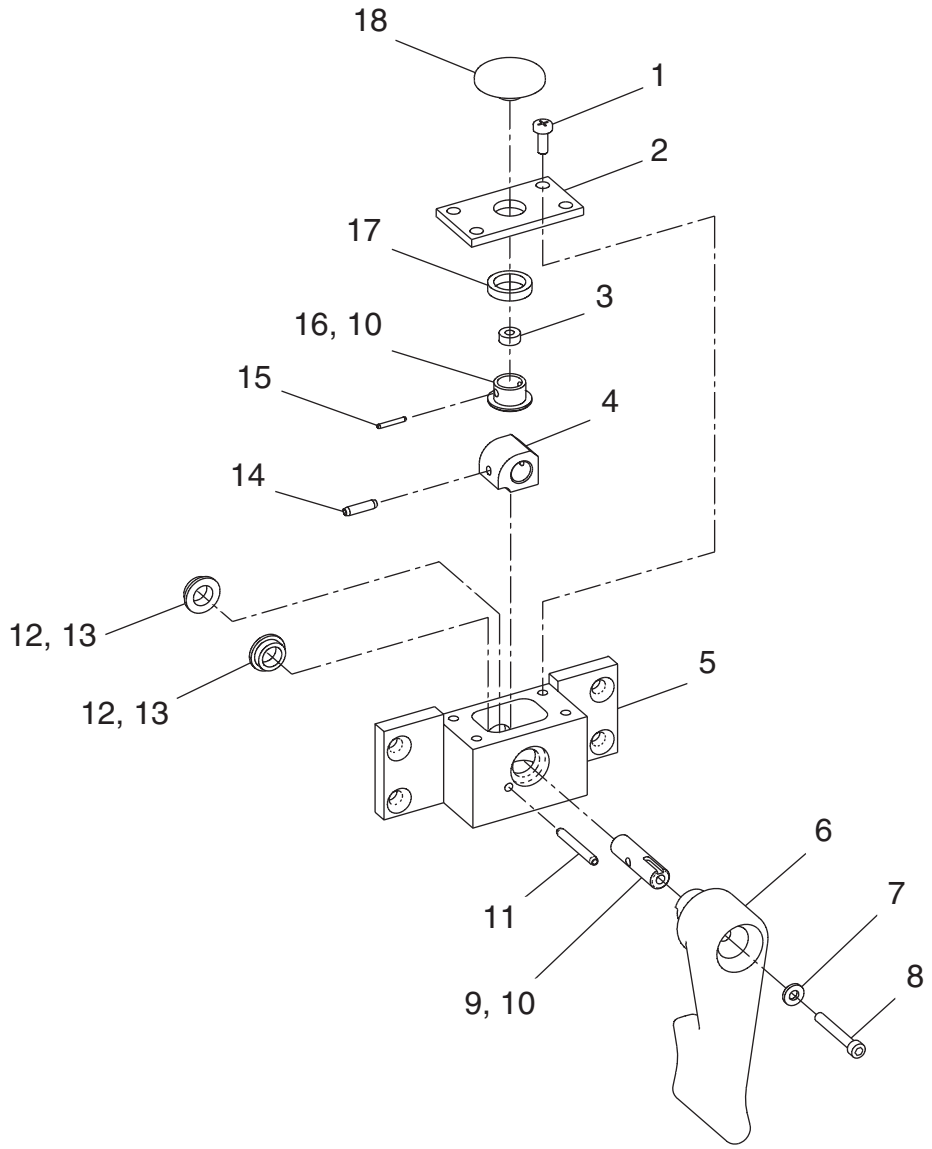

Figure 20. Cross Arm Brake Exploded View

Figure 21. Cross Arm Housing Mount Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879894-01	Roller, Cross Arm	1
2	11-633910-04	Screw, Set, Socket, Hex, 10-32, 1/4, SBO, KCUP	1
3	88-299284-00	Adhesive, Slt, Purple, Bottle, 10cc, 232-21	8
4	00-881284-01	Sleeve, Stop	1
5	12-311116-12	Screw, NA, Socket, Hex, 3/8-16, 3/4, SZC, 8	1
6	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	1
7	12-311116-22	Screw, NA, Socket, Hex, 1/8-16, 1 1/4, SZC, 8	1
8	00-879797-01	Shaft, Mount, Cross Arm	1
9	21-119948-00	Bearing, Roller, Taper-Cone, 2.0000ID, .8750WD	1
10	88-299477-00	Lub, Grease, Gp, 14.10Oz, CRTG	2
11	21-119949-00	Bearing, Roller, Taper-Cone, 3.2500ID, .6500WD	1
12	19-221927-00	Pin, Dowel, ,2503OD, .740, Steel	2
13	00-879702-01	Mount, Bearing	1
14	21-301794-00	Washer, Lock, Brg, 1.992 ID	1
15	21-301793-00	Nut, Lock, Brg, 1.967-16, Steel Zinc	1

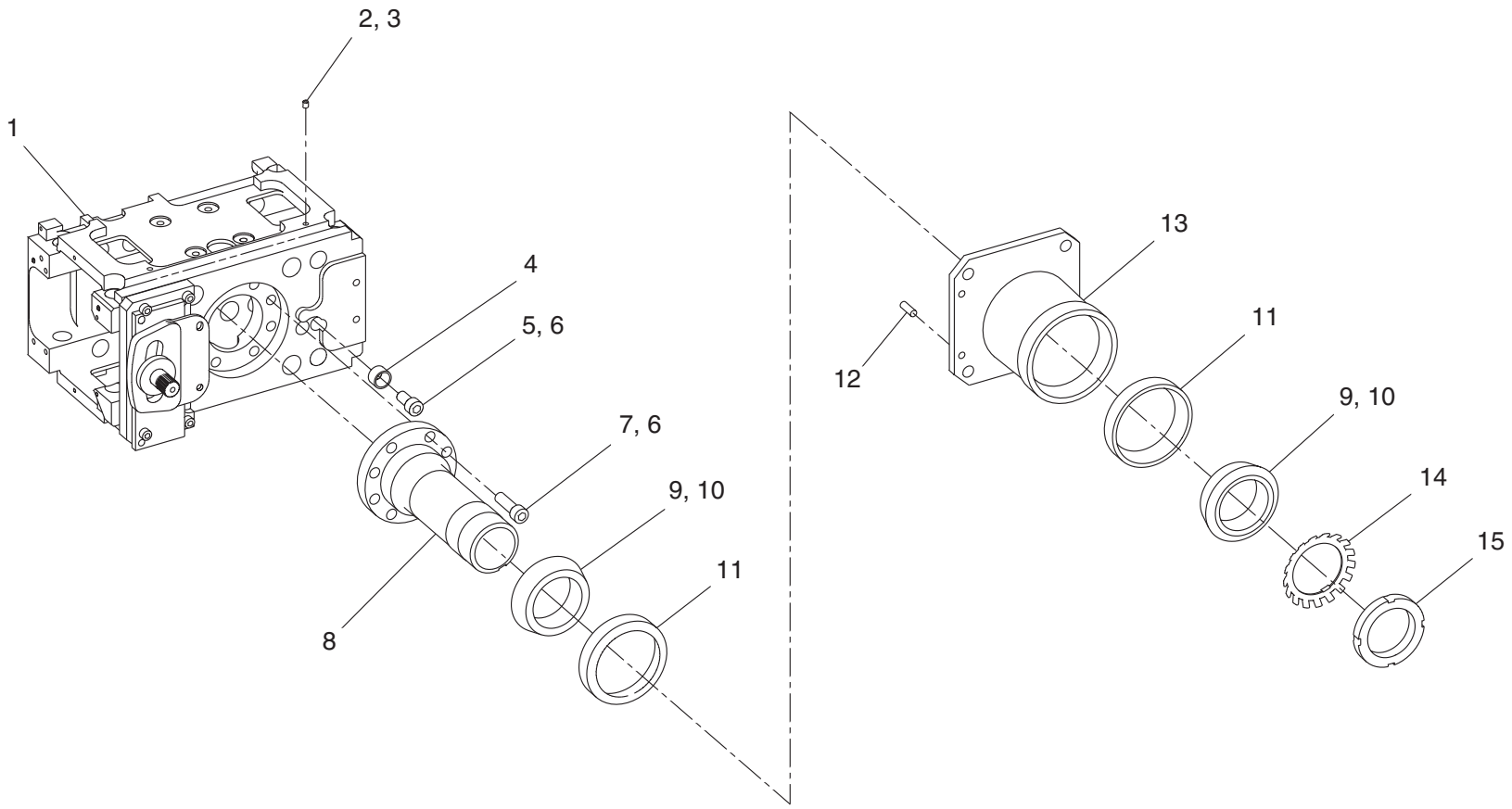

Figure 21. Cross Arm Housing Mount Exploded View

Figure 22. Cross Arm Brake, Bearing Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879892-01	Stop, Cross Arm	1
2	00-876962-01	Pad, Stop	2
3	88-299614-00	Adhesive, Black, Max, TB, 10oz, 38050	2
4	12-311115-12	Screw, NA, Socket, Hex, 5/16-18, 1/4, SZC, 8	1
5	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	5
6	12-311114-08	Screw, NA, Socket, Hex, 1/4-20, 1/2, SZC, 8	1
7	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	4
8	00-879707-01	Assembly, Brake Pad	1
9	00-879703-01	Plate, Floating	1
10	27-409210-00	O-Ring, .614ID X, .070WD, .016	1
11	88-299477-00	Lub, Grease, GP, 14.1OZ, CRTG	1
12	00-879704-01	Actuator, Brake	1
13	88-299477-00	Lub, Grease, GP, 14.1OZ, CRTG	1
14	19-221911-00	Pin, Dowel, .2502OD, 1.250, Steel	2
15	00-879713-01	Plate, Fixed	1

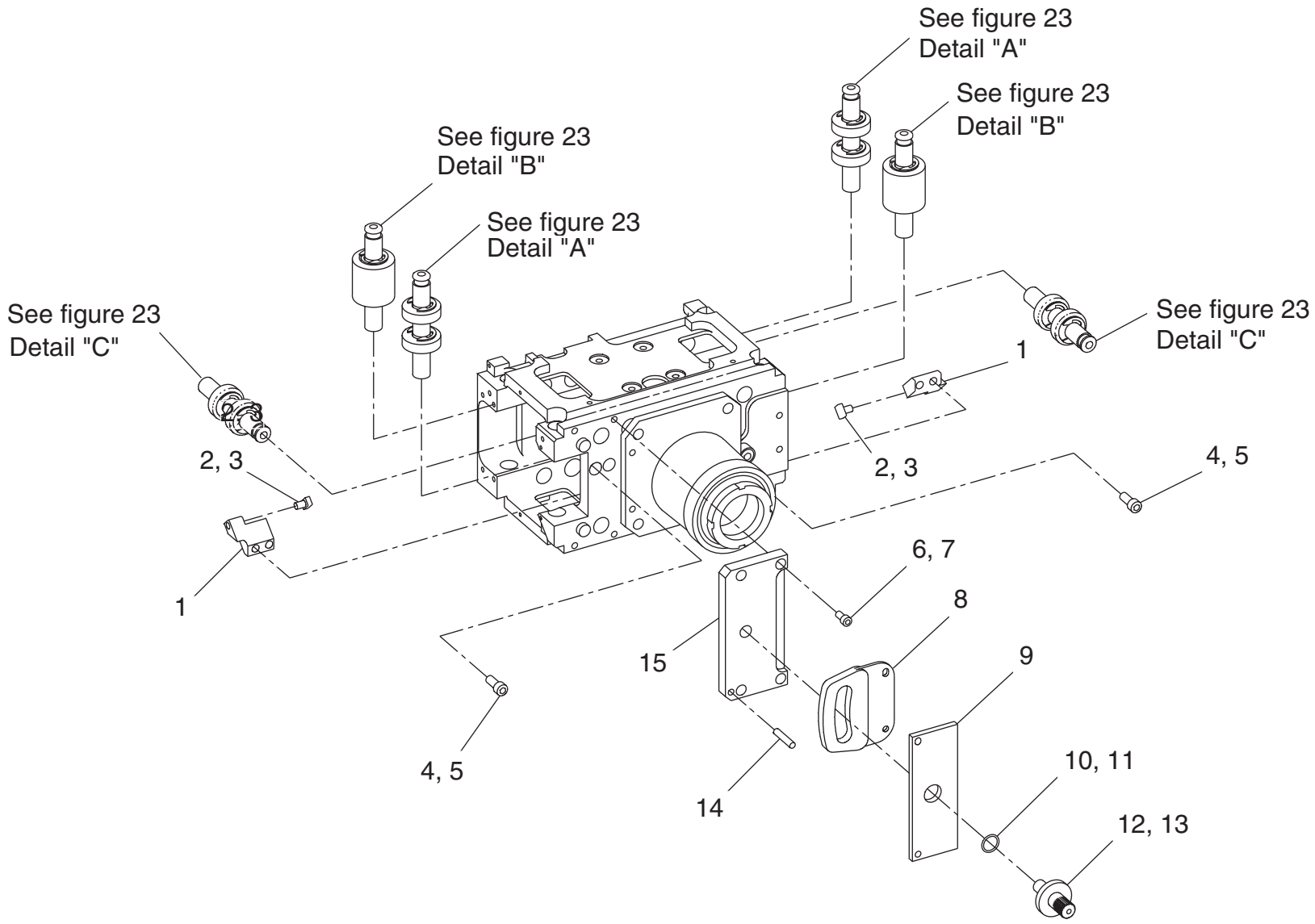

Figure 22. Cross Arm Brake, Bearing Exploded View

Figure 23. Cross Arm Bearings Parts List			
Item	**Part Number**	**Description**	**Qty**
1	22-680004-00	Ring, Retaining, External, E-Type, 3/4, Spring, Steel	28
2	00-880529-01	Roller, Cross Arm, Narrow	16
3	00-879893-01	Shaft, Roller, Cross Arm	6
4	23-109950-00	Bearing, BA, .6693ID, 1,3780OD, .3937WD	8
5	00-879894-01	Roller, Cross Arm	2

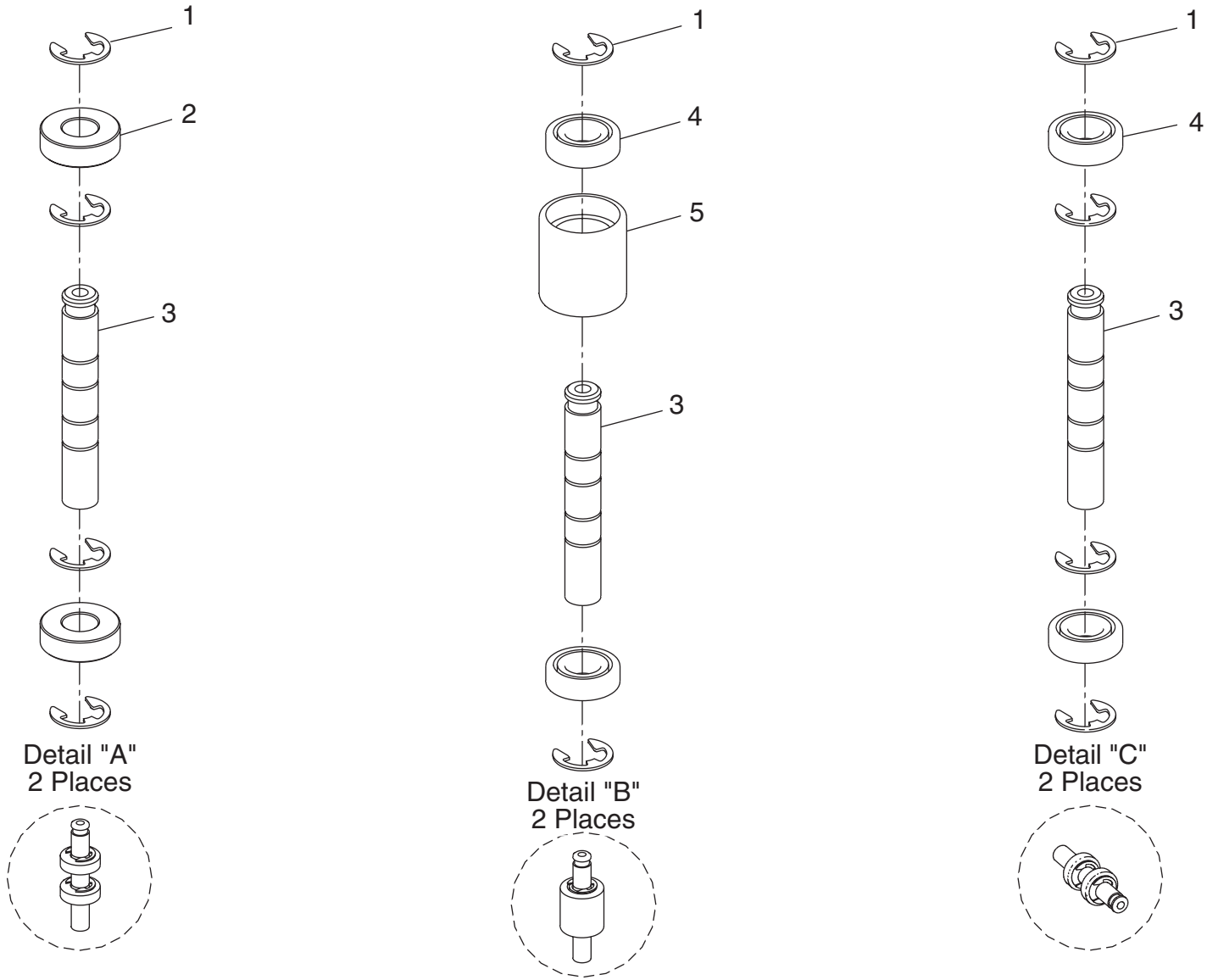

Figure 23. Cross Arm Bearings Exploded View

Figure 24. Rear Steering Parts List (1 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	20-842001-00	Coupling, Shaft, 5/8ID, 1.312OD, SBO	1
2	00-879030-01	Shaft, Tiller, Lower, Steering	1
3	00-901101-01	Key, U-Joint, Rear Steering	1
4	00-879939-01	Universal Joint, Lower, Steering	1
5	12-225160-20	Screw, SEMS, Spring, Pan, Torx, 10-32, 1, SZC	4
6	21-109586-00	Bearing, Ball, 1.181ID, 1.8504OD, .3543WD	1
7	00-879027-01	Shaft, Tiller, Short, Steering	1
8	21-109947-00	Bearing, call, .625ID, 1.375OD, .4375WD	1
9	00-878942-01	Sprocket, Drive, Steering	1
10	19-224945-00	Pin Spring, .250OD, 1, SZC	1
11	14-900012-00	Washer, Plain, #10, SZC, NA, ID=.219, OD=.500	6
12	14-211110-00	Washer, Lock, Helical-Spring, #10, SZC, NA, ID-.194	3
13	12-311110-12	Screw, NA, Socket, Hex, 10-24, 3/4, SZC, 8	3
14	00-878945-01	Cam, Detent, Steering	1
15	22-678621-00	Ring, Retaining, External, Basic, 5/8, Spring, Steel	1
16	00-901102-01	Key, Rear, Steering	1
17	00-879026-01	Housing, Bearing, Tiller, Steering	1
18	00-901101-01	Key, U-Joint, Rear Steering	1

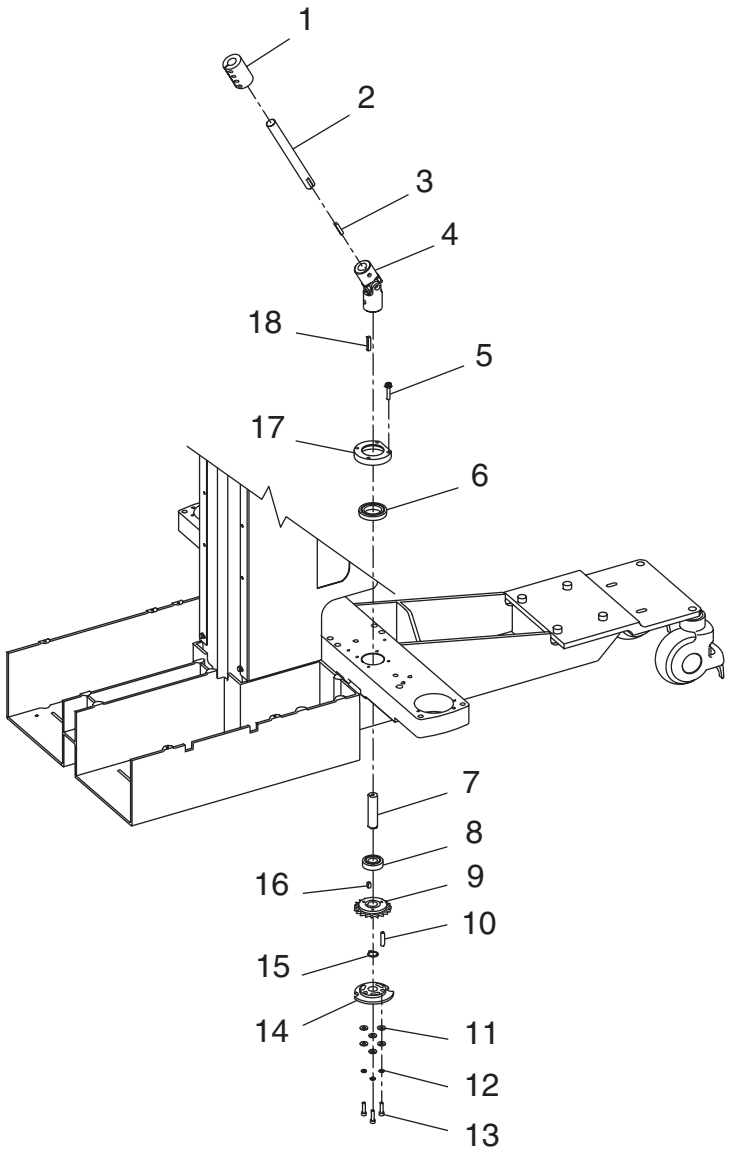

Figure 24. Rear Steering Exploded View (1 of 2)

Figure 25. Rear Steering Parts List (2 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	12-313916-36	Screw, NA, Socket, Hex, 3/8-16, 2-3/4, SBO, 8	8
2	23-608974-00	Bumper, Adhesive Backing, .500OD X .060T, White	4
3	12-313915-20	Screw, NA, Socket, Hex, 5/16-18, 1, SBO, 8	4
4	19-225105-00	Pin, Dowel, .5000OD, 1.000, Steel	4
5	00-879156-01	Stop, Pedal, Steering	2
6	12-313910-26	Screw, NA, Socket, Hex, 10-24, 1-3/4, SBO	2
7	14-211110-00	Washer, Lock, Helical-Spring, #10, SZC, NA, ID=.194	2
8	14-900012-00	Washer, Plain, #10, SZC, NA, ID=.219, OD=.500	2
9	00-880359-01	Cross Beam, Chassis	1
10	21-128919-00	Bearing, Thrust-Washer, .500ID, .8750OD, .0585WD	4
11	21-128814-00	Bearing, Needle-Roller, .500ID, .750OD, .750WD	2
12	00-878943-01	Sprocket, Idler, Steering	2
13	12-999545-00	Screw, NA, Shoulder, Hex, 3/8-16, 1/2X1-1/4	2
14	21-139743-00	Bearing, Cylindrical, Flanged, .375ID, .502OD, 1.000L	1
15	12-999539-00	Screw, NA, Shoulder, Hex, 5/16-18, 3/8X1-1/4	1
16	13-111114-00	Nut, Hex, 1/4-20, Stainless Steel, MS51971-1, A=.437	3
17	12-313914-24	Screw, NA, Socket, Hex, 1/4-20, 1-1/2, SBO, 8	1
18	21-719997-00	Spring, External, .360OD, 2.25LG, .055WD, Music Wire	1
19	00-878952-01	Lower Arm, Detent, Steering	1
20	12-312014-12	Screw, NA, Socket, Hex, 1/4-20, 3/4, Stainless Steel	1
21	21-190062-00	Bearing, Cam Follower Roller, 1/4-20, .625OD	1
22	13-111114-00	Nut, Hex, 1/4-20, Stainless Steel, MS51971-1, A=.437	1

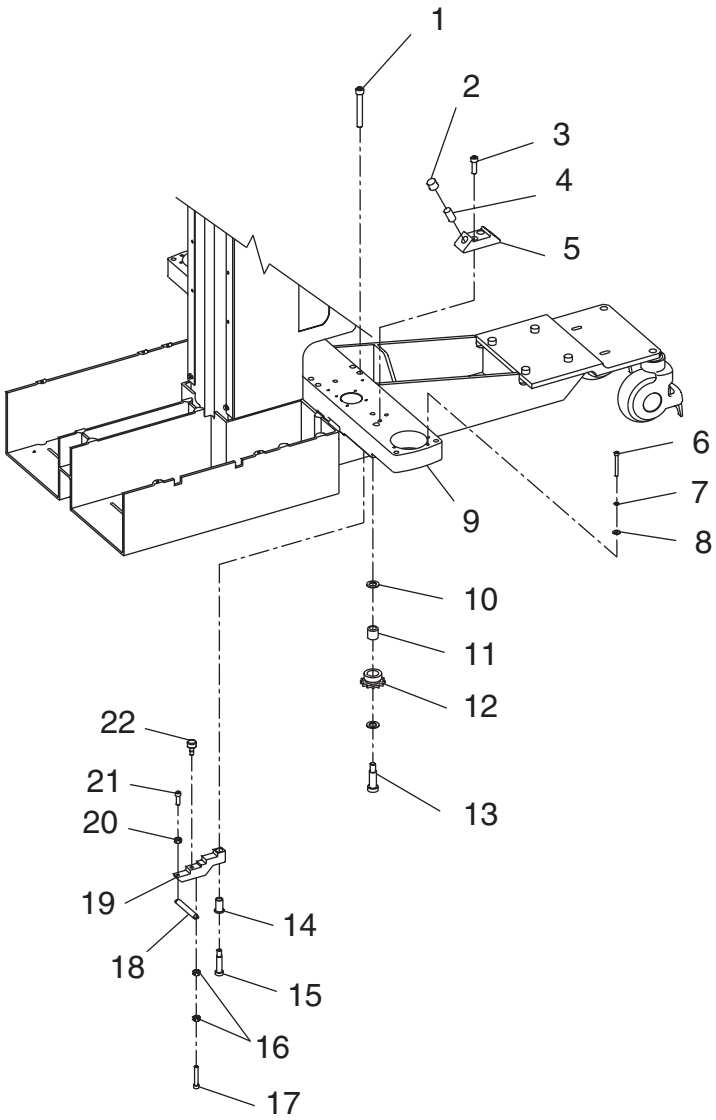

Figure 25. Rear Steering Exploded View (2 of 2)

Figure 26. Rear Brake Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-225160-20	Screw, SEMS, Spring, Pan, Torx, 10-32, 1, SZC	16
2	00-879116-01	Support, Bearing, Brake Rod, Flat	2
3	21-139774-00	Bearing, Cylindrical, Flanged, .625ID, .750OD, .500L	4
4	00-879013-01	Support, Bearing, Brake Rod, Steering	2
5	00-876586-02	Shaft, Actuator, Rear Caster	1
6	12-363914-22	Screw, NA, Button, Hex, 1/4-20, 1-1/4, SBO	2
7	00-879012-01	Cam, Brake	2
8	12-311114-14	Screw, NA, Socket, Hex, 1/4-20, 7/8, SZC, 8	6
9	00-876833-03	Pedal, Rear Wheel Brake	2

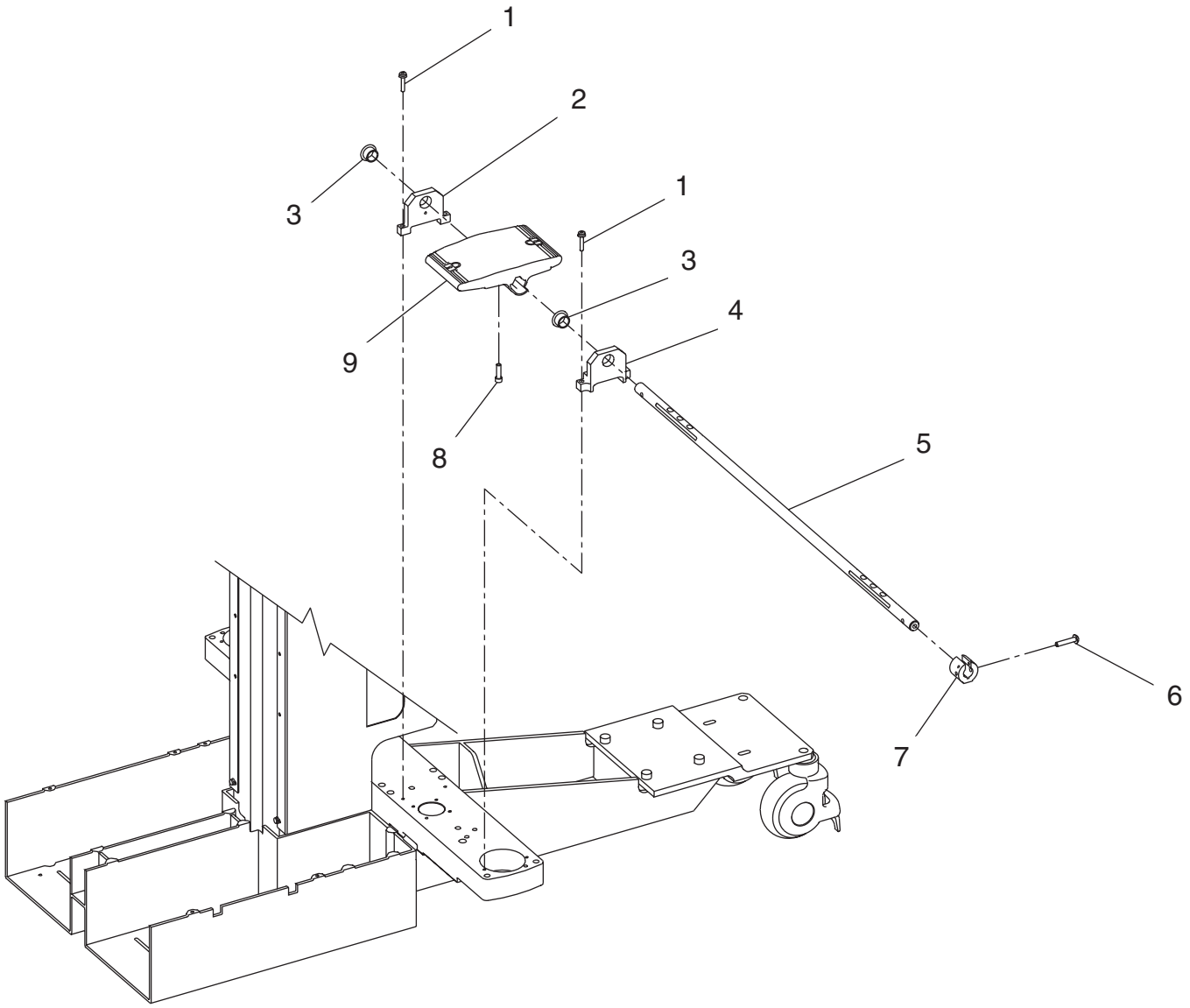

Figure 26. Rear Brake Exploded View

Figure 27. Front Caster Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-313916-20	Screw, NA, Socket, Hex, 3/8-16, 1, SBO, 8	4
2	00-881779-02	Plate, Mounting, Front Caster	1
3	00-881296-01	Caster Pin Mount	2
4	22-678450-00	Ring, Retaining, Internal, Basic, 1-3/8, Spring, Steel	2
5	21-109912-00	Bearing, Ball, Double, .5906ID, 1.3780ID, .625WD	2
6	22-678620-00	Ring, Retaining, External, 5100-59S	2
7	12-331116-32	Screw, NA, Flat, Hex, 3-8-16, 2-1/4, SZC, 8	2
8	00-881347-01	Blade, Cable Pusher, Front	2
9	12-225106-10	Screw, SEMS, Spring, Pan, Torx, 6-32, 5/8, SZC	4
10	21-259986-00	Caster, Wheel, 4-inch Diameter, 1-3/8-inch Wide	2
11	00-881295-01	Machining, Arm, Front Caster	2
12	00-879796-02	Base, Machining	1

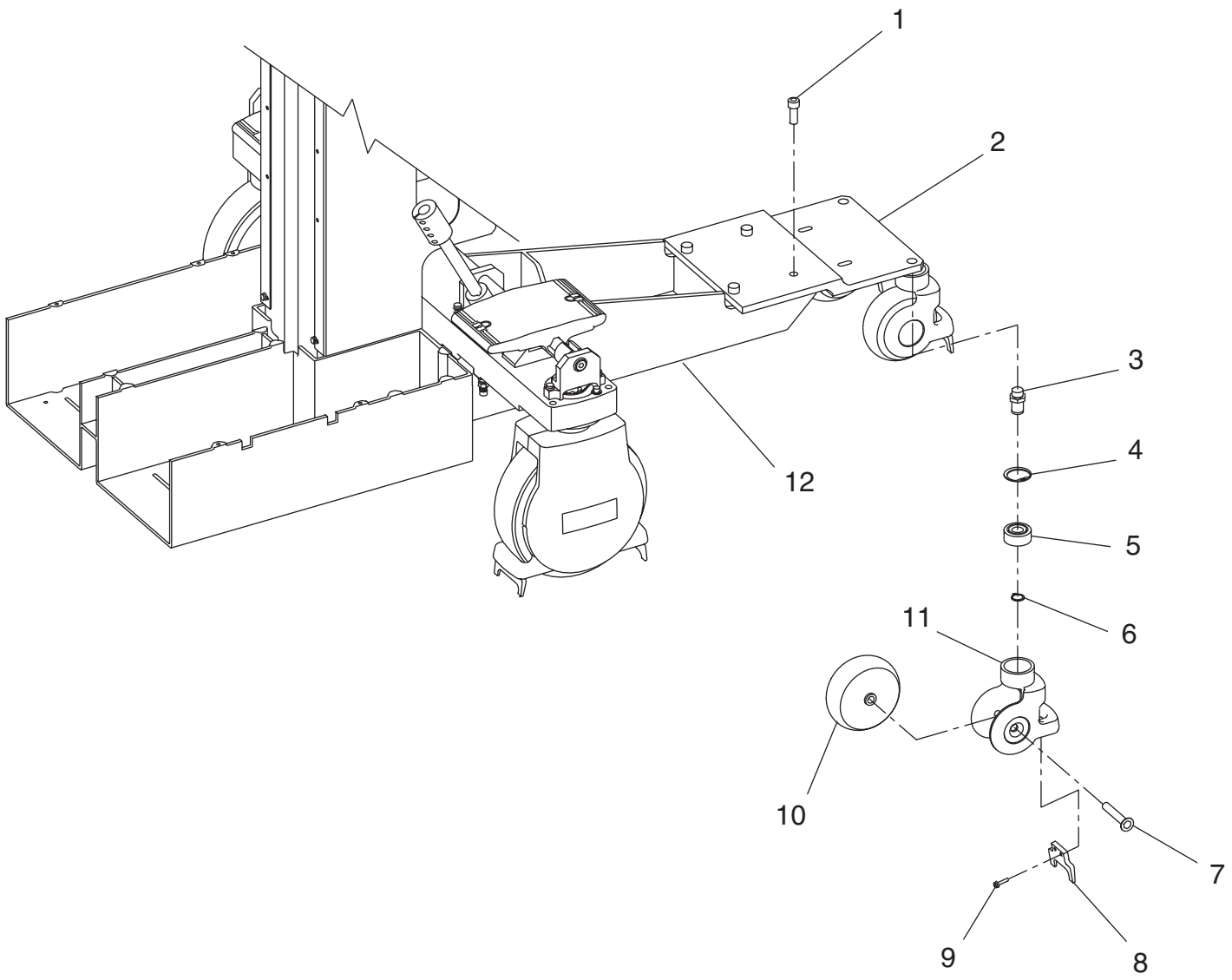

Figure 27. Front Caster Exploded View

Figure 28. Steering Chain, Cable Pusher Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879162-01	Chain, Steering, Short	1
2	20-500003-00	Link, Chain, Spring, Cl., .375PD, Steel	4
3	00-879147-01	Turnbuckle, Chain, Left Hand	2
4	00-879146-01	Turnbuckle, Chain, Right Hand	2
5	00-878953-01	Chain, Steering, Long	1
6	00-879145-01	Turnbuckle, Chain, Body	2
7	00-880889-01	Assembly, Rear Wheel	2
8	00-881587-01	Assembly, Skirt, Cable Pusher	2
9	12-225108-08	Screw, SEMS, Spring, Pan, Torx, 8-32, 1/2, SZC	16
10	00-881346-01	Blade, Cable Pusher, Rear	4

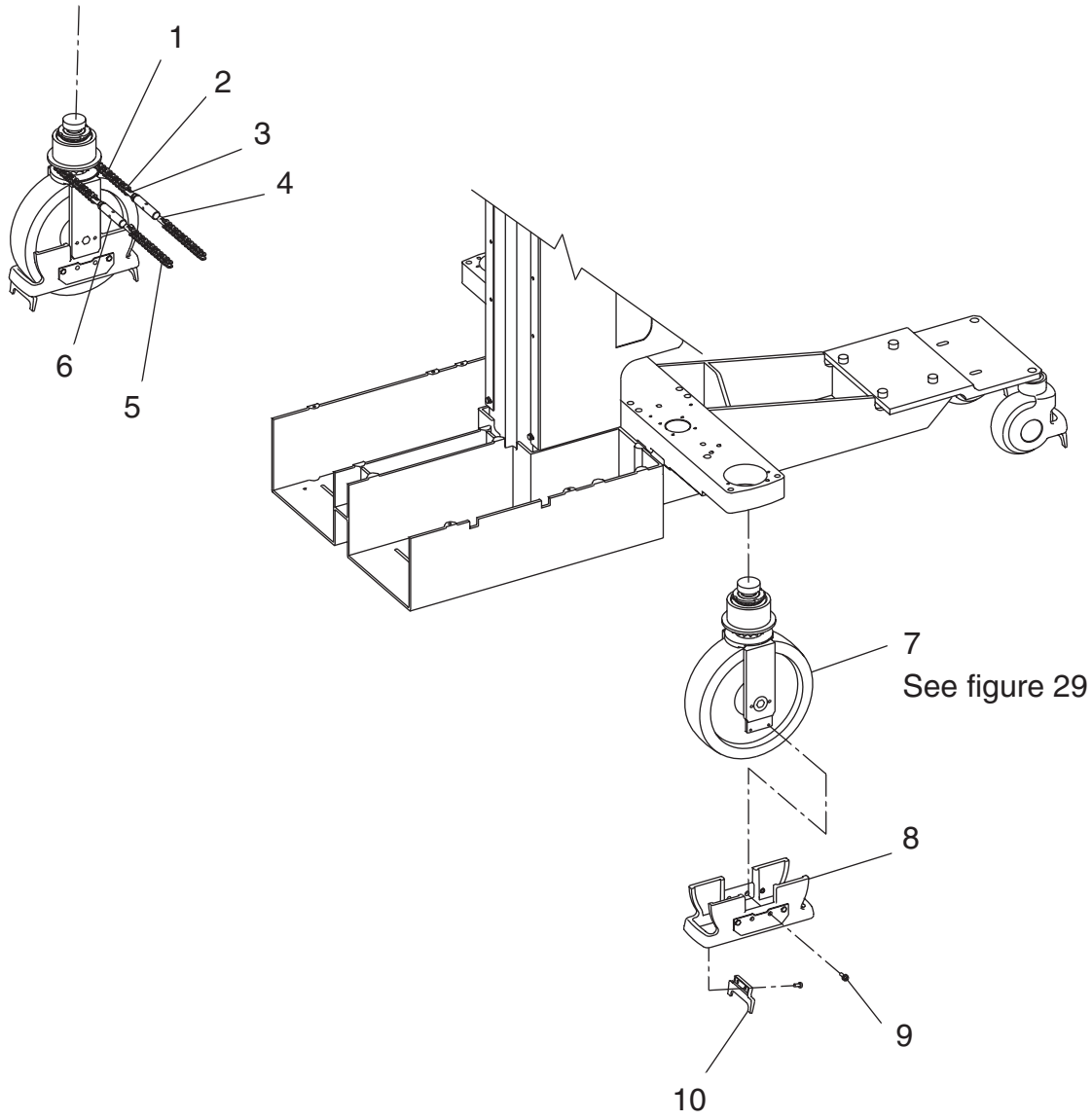

Figure 28. Steering Chain, Cable Pusher Exploded View

Figure 29. Rear Caster Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879029-01	Cap, Brake, Plunger, Steering	1
2	00-879115-01	Plunger, Brake, Adjustment, Steering	1
3	00-878948-01	Plunger, Brake, Steering	1
4	21-301785-00	Nut, Lock, Brg, 1.378 Brg, 1.906OD, Steel Zinc	1
5	21-119920-00	Bearing, Roller, Taper-Cone, 1.3775ID, .6600WD	1
6	00-878946-02	Housing, Bearing, Yoke, Steering	1
7	00-901102-01	Key, Steering	1
8	21-709177-00	Spring, Compression, .720OD, 1.250LG, .072WD, Steel	1
9	21-139776-00	Bearing, Cylinder, Flange, .500ID, .625OD, .750L	1
10	12-333968-40	Screw, NA, Fl, Hex, 1/2-20, 3, SBO, 8	1
11	88-299282-00	Adhesive, SLT, Blue, Bottle, 10cc, 242-21	AR
12	00-901077-01	Wheel, Plastic, 8-Inch, Steering	1
13	00-880888-02	Yoke, Wheel, Rear	1
14	21-139777-00	Bearing, Cylinder, Fl, .875ID, 1.000OD, .750L	1
15	00-878944-01	Sprocket, Yoke, Steering	1
16	22-119920-00	Bearing, Roller, Taper-Cone, 1.3775ID, .6600WD	1
17	21-301782-00	Washer, Lock, Brg, 1.406ID, 1.378 Brg B	1
18	11-999963-00	Screw, Set, Socket, Hex, 6-32, 1/8, Steel, Insert	1
19	88-299284-00	Adhesive, SLT, Purple, Bottle, 10cc, 222-21	AR
20	21-109940-00	Bearing, Ball, Radial, Bost 1616DS	1

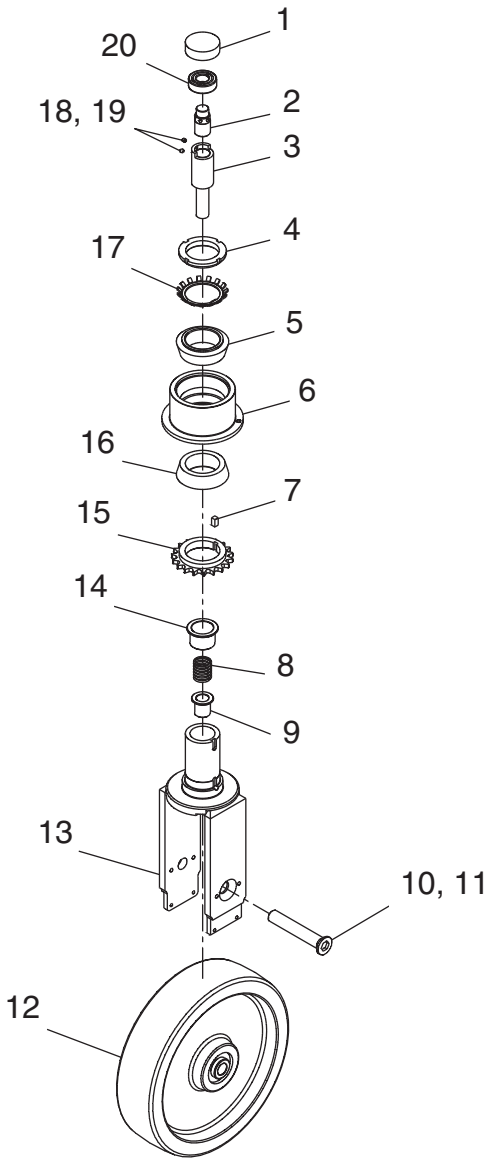

Figure 29. Rear Caster Exploded View

Figure 30. Super C II, Camera Parts List (1 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	00-879565-01	Mount, II, C-Major	1
2	12-311114-12	Screw,NA,SKT,HEX,1/4-20,3/4,SZC,8	4
3	00-881075-01	Handle, C	1
4	00-881023-01	End Cap, Machining	1
5	00-880833-01	Weight, Rear, Top	2
6	00-877033-02	Pad, Bumper, Flip-Flop	1
7	00-877033-01	Pad, Bumper, Flip-Flop	1
8	00-881023-01	End Cap, Machining	1
9	12-311114-08	Screw,NA,SKT,HEX,1/4-20,1/2,SZC,8	4
10	00-880834-01	Weight, Front, Top	2
11	12-225108-12	Screw,SEMS SPR,PAN,TRX,8-32,3/4,SZC	4
12	00-879488-02	Weldment, C-Arm, C-Major	1

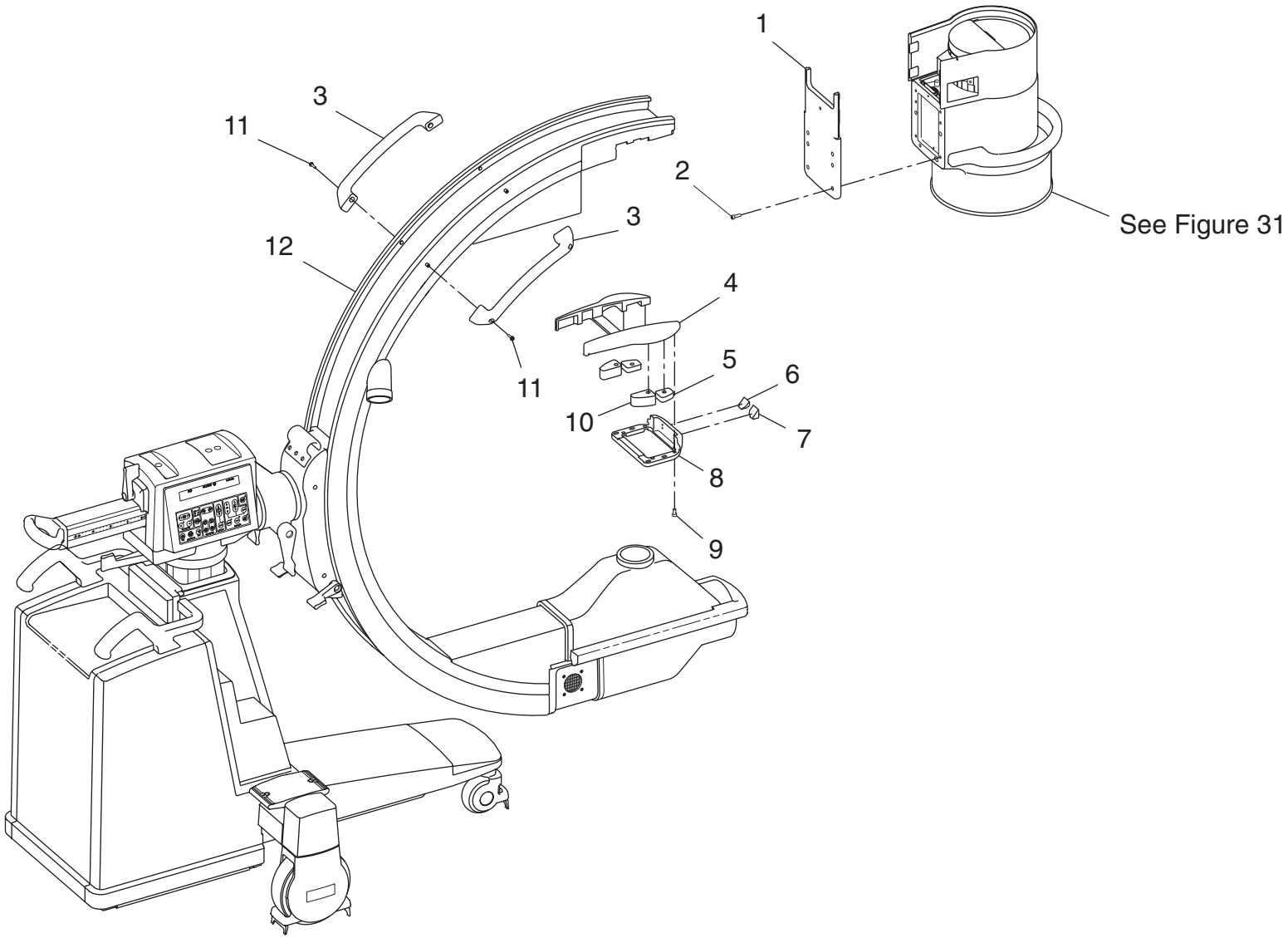

Figure 30. Super C II, Camera Exploded View (1 of 2)

Figure 31. Super C II, Camera Parts List (2 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	00-880877-01	Camera, Cover	1
2	12-312060-12	Screw,NA,SKT,HEX,10-32,3/4,SST	1
3	00-877690-01	Shield, Cover, Camera	2
4	12-225106-20	Screw,SEMS SPR,PAN,TRX,6-32,1,SZC	4
5	00-879126-01	Assembly, CCD Camera, 1K x 1K, 9 II	1
6	00-901226-03	Intensifer, Image, HX, Rear	1
7	12-215004-05	Screw,SEMS SPR,PAN,TRX,6-32,1,SZC	6
8	00-901200-01	Grid, X-Ray, 10:1, 9-Inch	1
9	00-901226-02	Intensifer, Image, HX, Rear	1
10	12-225106-08	Screw,SEMS SPR,PAN,TRX,6-32,1/2,SZC	4
11	14-146006-00	Washer,Shim,NA,ID=0202,OD=.625,.063	4
12	12-225106-04	Screw,SEMS SPR,PAN,TRX,6-32,1/4,SZC	8
13	00-880688-01	Weldment, Mount, Connector, Camera Cover	1
14	00-879486-01	Top, Camera, II, Machining	2
15	12-225106-04	Screw,SEMS SPR,PAN,TRX,6-32,1/4,SZC	6
16	13-909042-00	Nut,SLFCLNC,INSRT,6-32,SST	6
17	00-881087-01	Cover, EMI, Rear	1
18	00-881104-01	Weight, Camera	1
19	00-881088-01	Cover, EMI, Front	1
20	00-880307-04	Weight, Outside, Front, C-Major	1

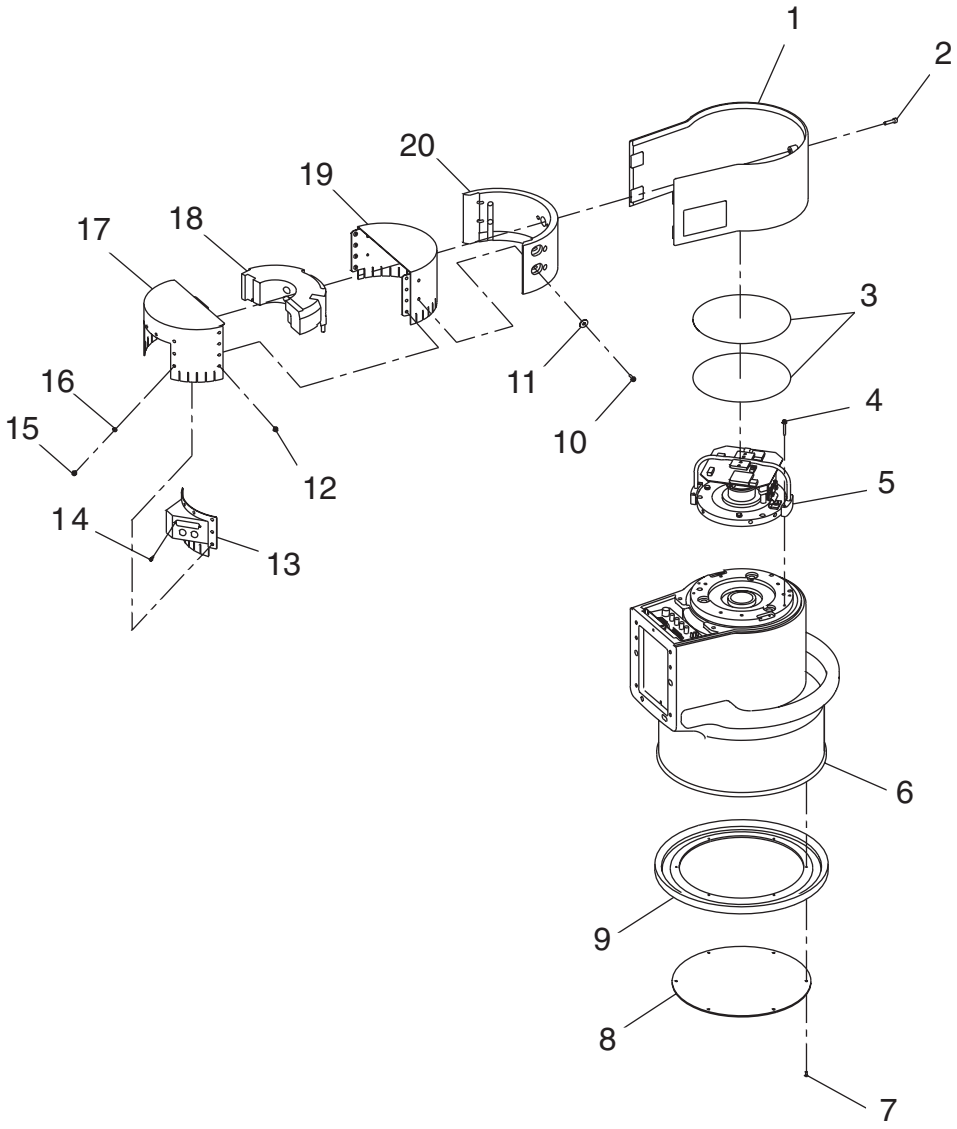

Figure 31. Super C II, Camera Exploded View (2 of 2)

Figure 32. Super C X-Ray Tube Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-876567-02	Bumper, X-Ray Mount	1
2	00-877033-01	Pad, Bumper, Flip-flop	1
3	00-877033-02	Pad, Bumper, Flip-flop	1
4	00-881107-01	Weight, Mount, X-Ray	1
5	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	7
6	22-678482-00	Ring, Retaining, Internal, Spl, 2.312 SST	1
7	00-880838-01	Collimator, Primary 9-Inch	1
8	00-880855-01	Spacer, Foam, primary, Collimator	1
9	00-877286-01	Cover, X-Ray Tube	1
10	00-881519-01	Assembly, X-Ray Tube, External Mount	1
11	00-877946-01	Retainer, Plug, HV	2
12	00-877947-01	Nut, X-Ray, Hi Volt	2
13	00-881970-01	Asm, Collimator, Super C, Integrated	1
14	12-311160-06	Screw, Sockethead, Hex, 10-32, 3/8, SZC	2
15	00-880881-01	Heat Sink	1
16	12-225160-12	Screw, SEMS, Spring, Panhead, Torx, 10-32, 3/4, SZC	2
17	00-901141-03	Cable, High Voltage Control, Super C & Cardiac (not exploded or shown for clarity)	1

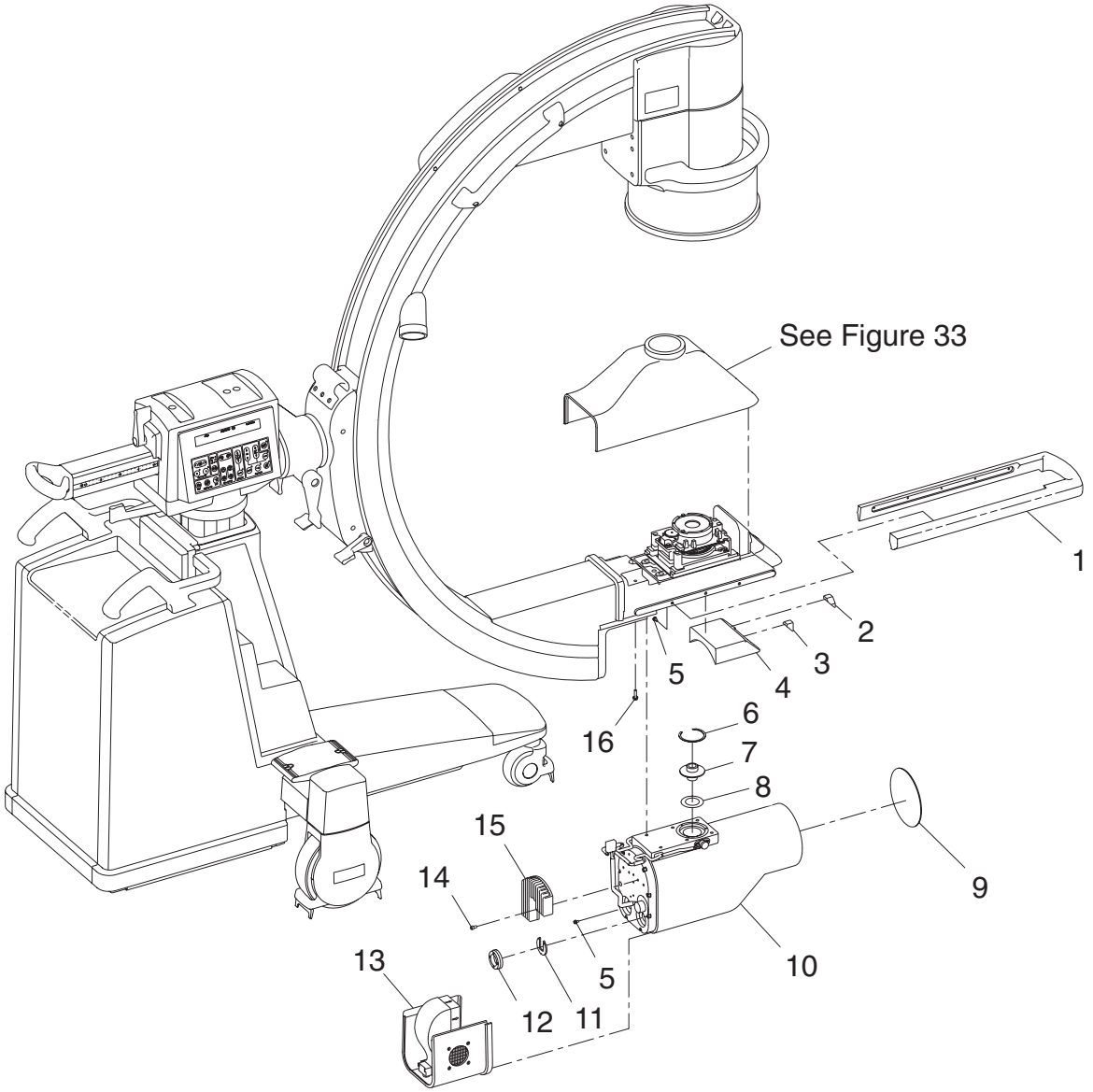

Figure 32. Super C X-Ray Tube Exploded View

Figure 33. Super C Collimator Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879575-01	Collimator, Secondary, 9-Inch, 3 Pot	1
2	12-225108-06	Screw, NA, Socket, Hex, 10-32, 3/4, SZC	4
3	00-880391-02	Asm, Collimator, 3 Pot, Cardiac, 9-Inch	1
4	12-311114-12	Screw, Sockethead, Hex, 1/4-20, 3/4, SZC	1
5	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	1
6	12-215060-08	Screw, Machine, Flathead, Torx, 10-32, 1/2, SZC	2
7	12-312060-30	Screw, Sockethead, Hex, 10-32, 2, SST	4
8	14-121110-00	Washer, Plain, #10, SST	4
9	00-881105-01	Weight, Top, X-Ray	1
10	00-881106-01	Weight, Front, X-Ray	1
11	12-225160-08	Screw, SEMS, Spring, Panhead, Torx, 10-32, 1/2, SZC	2
12	00-881512-01	Clip, Cover, Collimator	1
13	00-880706-01	Cover, Collimator	1

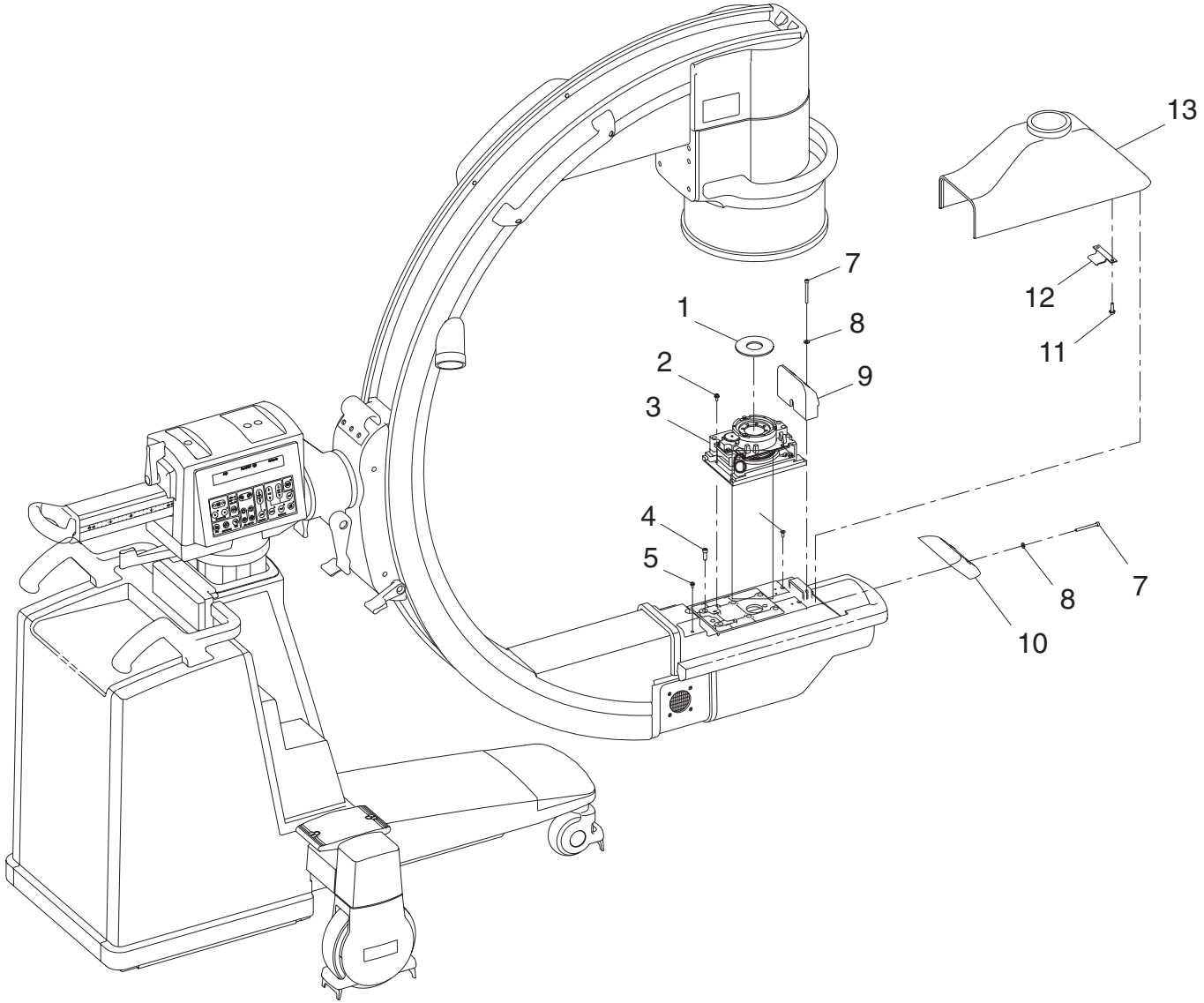

Figure 33. Super C Collimator Exploded View

Figure 34. Super C L-Arm Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-879905-01	Machining, Cross Arm, 9800	1
2	00-880583-01	Machining, Housing, L-Rot, 9800	1
3	19-221881-00	Pin, Dowel, .5000 OD, 1.250, Steel	1
4	27-402277-00	O-Ring, .549 ID X .103 WD, NPRN, .113	1
5	00-879343-01	Acutator, Left Handle, 9800	1
6	22-678622-00	Ring, Retaining EXT, Basic, 7/16 , Spring Steel	2
7	00-879394-02	Insert, Handle, 9800	2
8	00-876981-01	Handle, Brake Flip-Flop	2
9	12-225160-08	Screw, Sems, Spring, Pan, TRX, 10-32, 1/2, SZC	2
10	19-221854-00	Pin, Dowl, .1250 OD, .750, Stanless Steel	1
11	00-880671-01	Shaft, Pivot, Super-C	1
12	21-119936-00	Bearing, Roller, Tapered-Cone, 3.000 ID, .5313 WD	1
13	21-119937-00	Bearing, Roller, Tapered-Cup, 4.1563 OD, .3750 WD	1
14	00-880820-01	Assembly, Brake Shoe	1
15	00-879955-01	Spacing, Housing, Rear, C-Major	1
16	00-880890-01	Plate, Stop, Flip-Flop, 380	1
17	00-880840-01	Shaft, Brake, Flip-Flop	1
18	00-879344-01	Actuator, Right Handle, 9800	1
19	21-119921-00	Bearing, Roller, Tapered-Cup, 2.3612 OD, .4700 WD	1
20	21-119920-00	Bearing, Roller, Tapered-Cone, 1.3775 ID, 6600 WD	1
21	21-301782-00	Washer, Locking, Bearing, 1.406 ID, 1.378 BRG B	1
22	21-301785-00	Nut, Locking, Bearing, 1.378 BRG, 1.906 OD, Steel ZN	1
23	00-878788-01	Cap, Plug, 2.75 OD	1
24	19-224948-00	Pin, Spring, .48 OD, 2.50, Steel	2
25	00-881233-01,02	Lable, Horizontal Cross Arm (Not Exploted, Shown)	2
26	88-299477-00	Lub, Grease, GP, 14.1 OZ CRTG	AR

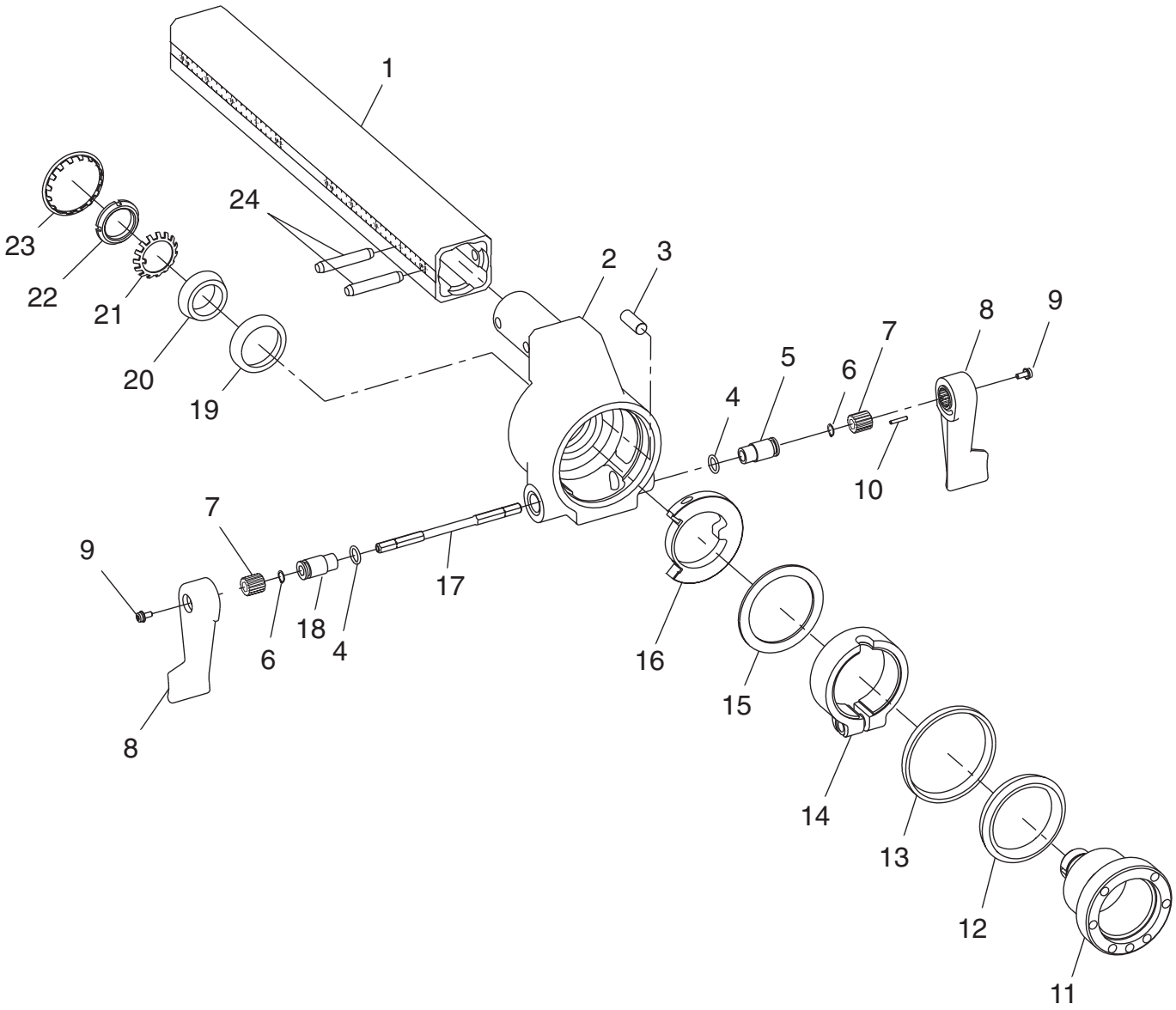

Figure 34. Super C L-Arm Exploded View

Figure 35. Super C Flip-Flop Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-881224-01	Yoke, Roller	1
2	12-315060-06	Screw, NA, Socket, Torx, 10-32, 3/8, SZC, 8	8
3	88-299284-00	Adhesive, Slt, Purple, Bottle, 10cc, 222-21	AR
4	00-901523-02	Clutch, Friction, 9800	1
5	12-225160-20	Screw, SEMS, Spring, Pan, Torx, 10-32, 1, SZC	1
6	00-881057-02	Brake, Pad	1
7	00-881056-01	Base, Brake	1
8	00-880387-01	Arm, Brake	1
9	12-331114-14	Screw, NA, Flange, Hex, 1/4-20, 7/8, SZC, 8	2
10	88-299282-00	Adhesive, Slt, Blue, Bottle, 10cc, 242-21	AR
11	00-881222-01	Spring, Roller	1
12	14-999724-00	Washer, Plain, 3/8, Nylon, NA, ID=.375, OD=.750	2
13	00-880385-01	Pivot, Brake	1
14	12-225106-06	Screw, SEMS, Spring, Pan, Torx, 6-32, 3/8, SZC	2
15	00-876704-01	Handle, Brake, C-Rotation	2
16	00-880383-01	Shaft, Brake	1
17	00-880384-01	Cam, Brake	1
18	88-299477-00	Lub, Grease, Gp, 14, 10oz, CRTG	AR
19	21-180020-00	Bearing, Cylinder, .375ID, .500L, Plastic	2
20	11-633910-04	Screw, Set, Socket, Hex, 10-32, 1/4, SBO, KCUP	2
21	12-311116-12	Screw, NA, Socket, Hex, 3/8-16, 3/4, SZC, 8	7
22	00-880623-01	Machining, Flip-Flop, Super-C	1
23	00-880382-01	Shaft, Pivot, Toggle Arm	1
24	00-881053-01	Spacer, Pad, Brake	1
25	00-882363-01	Assembly, Roller and Bearing, Super C	4

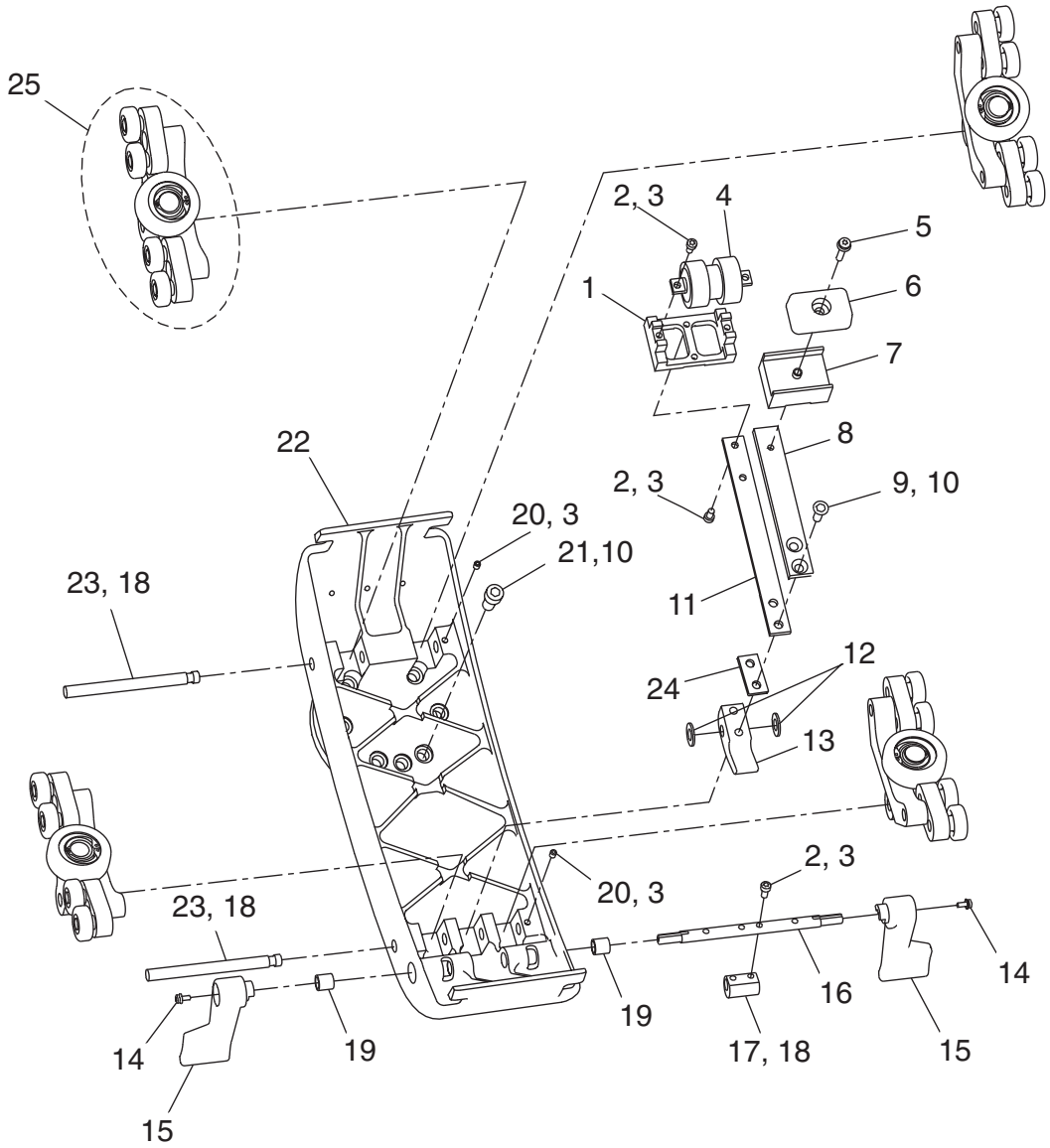

Figure 35. Super C Flip Flop Exploded View